

# PRIME X370-A

| Vendors       | Part No.                    | Size           | SS/DS | Chip Brand   | Chip NO.            | Timing      | Voltage | RAM Speed | Support Speed*<br>with Ryzen CPU | DIMM socket support (Optional) |        |        |
|---------------|-----------------------------|----------------|-------|--------------|---------------------|-------------|---------|-----------|----------------------------------|--------------------------------|--------|--------|
|               |                             |                |       |              |                     |             |         |           |                                  | 1 DIMM                         | 2 DIMM | 4 DIMM |
| SAMSUNG       | M378A5143DB0-CPB            | 4G             | SS    | SEC 428 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| SAMSUNG       | M378A1G43DB0-CPB            | 8G             | DS    | SEC 428 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| G.SKILL       | F4-2133C15Q-32GRK           | 32GB ( 8GB*4 ) | DS    | N/A          | Heat-Sink Package   | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| KINGSTON      | HX421C13PBK4/16             | 16GB ( 4GB*4)  | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| PANRAM        | PUD42133C134G4NJW           | 16GB ( 4GB*4)  | SS    | N/A          | Heat-Sink Package   | 13-13-13-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| CORSAIR       | CMK16GX4M4A2133C15(Ver4.23) | 16GB ( 4GB*4)  | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| CRUCIAL       | MTA8ATF51264AZ-2G1A1        | 4G             | SS    | MICRON       | 4QA77D9RCQ          | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| CORSAIR       | CMV4GX4M1A2133C15           | 4G             | SS    | N/A          | 4GA72Z9RGR          | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| CORSAIR       | CMV8GX4M1A2133C15           | 8G             | DS    | SEC 446 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| KINGSTON      | HX421C14FB/8                | 8G             | DS    | N/A          | Heat-Sink Package   | 14-14-14-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| KINGSTON      | HX421C13SBK4/16             | 16GB ( 4GB*4)  | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| KINGSTON      | KVR21N15D8/8                | 8G             | DS    | SK HYNIX     | H5AN4G8NAFR         | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| Silicon Power | SP004GBLFU213N02            | 4G             | SS    | SP           | 4N4083HMBE S1543X   | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| GALAXY        | GAM4DBLBM213315IE081C       | 8G             | DS    | N/A          | Heat-Sink Package   | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| AVEXIR        | AVD4U21331508G-1C0B         | 8G             | DS    | N/A          | Heat-Sink Package   | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| CORSAIR       | CMK16GX4M4A2133C13(Ver5.29) | 16GB ( 4GB*4)  | SS    | N/A          | Heat-Sink Package   | 13-15-15-28 | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| GEIL          | GPR48GB2133C15DC            | 8GB ( 4GB*2)   | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| KINGSTON      | HX421C14FBK/32              | 32GB ( 8GB*4)  | DS    | N/A          | Heat-Sink Package   | 14-14-14-35 | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| TEKISM        | T4U2133B8G15-SAD            | 8G             | DS    | SEC 446 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| G.SKILL       | F4-2133C15Q-16GRB           | 16GB ( 4GB*4)  | SS    | N/A          | Heat-Sink Package   | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| CENTURY       | PC4-17000                   | 8G             | DS    | SK HYNIX     | H5AN4G8NMFR         | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| Transcend     | TS1GLH72V1H (ECC)           | 8G             | DS    | SEC552       | K4A4G085WEBCPB      |             |         | 2133      | 2133                             | •                              | •      | •      |
| KINGSTON      | KVR21N15S8/4                | 4G             | SS    | SK HYNIX     | H5AN4G8NMFR         | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| AMD           | R748G2133U2S                | 8G             | DS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| ADATA         | AX4U2133W4G15-QRZ           | 16GB ( 4GB*4)  | SS    | N/A          | Heat-Sink Package   | 15-15-15    | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| TEAM          | TED48GM2133C15BK            | 8G             | DS    | SK HYNIX     | H5AN4G8NMFR         | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| CUSO          | PC4-17000                   | 4G             | SS    | CUSO         | 512X8DDR4           | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| ADATA         | AD4U2133W8G15-B             | 128GB( 16x 8G) | DS    | SK HYNIX     | H5AN4G8NAFR         |             |         | 2133      | 2133                             | •                              | •      | •      |
| CRUCIAL       | CT8G4DFD8213.16FA11         | 32GB ( 8GB*4 ) | DS    | MICRO        | 5CA77D9R9Q          |             | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| KINGSTON      | KVR21E15S8/4                | 4GB            | SS    | SK HYNIX     | H5AN4G8NAFR         |             | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| G.SKILL       | F4-2133C15S-4GNT            | 4G             | SS    | G.SKILL      | D4 512M8GE15        | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| G.SKILL       | F4-2133C15S-8GNT            | 8G             | DS    | G.SKILL      | D4 512M8GE15        | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| TEAM          | TPAD44G2133HC15BK           | 4G             | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| ASINT         | SLB404G08-CCN2B 1615        | 8G             | DS    | SK HYNIX     | H5AN4G8NMFR         |             |         | 2133      | 2133                             | •                              | •      | •      |
| PATRIOT       | PSD44G213381                | 4G             | SS    | PAIROT       | 1621JB5454512X8DDR4 |             |         | 2133      | 2133                             | •                              | •      | •      |
| PATRIOT       | PSD48G21332                 | 8G             | DS    | PAIROT       | PM512M8D4BU-083     |             |         | 2133      | 2133                             | •                              | •      | •      |
| APACER        | AU08GGB13CDTBGC             | 8G             | DS    | APACER       | AM6F6008THSA11550F  |             |         | 2133      | 2133                             | •                              | •      | •      |
| SAMSUNG       | M378A1K43BB1-CPB            | 8G             | SS    | SEC 610      | K4A8G085WBBCPB      |             |         | 2133      | 2133                             | •                              | •      | •      |
| KINGSTON      | HX421C14FB2/8               | 8G             | SS    | N/A          | Heat-Sink Package   |             | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| KINGSTON      | HX421C14FBK2/8              | 8GB ( 4GB*2 )  | SS    | N/A          | Heat-Sink Package   |             | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| KINGSTON      | HX421C14FB/4                | 4G             | SS    | N/A          | Heat-Sink Package   |             | 1.2V    | 2133      | DOCP2133                         | •                              | •      | •      |
| KINGSTON      | KVR21N15S8/8                | 8G             | SS    | MIRCON       | 6HB77D9TBH          |             | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| V-COLOR       | TC48G21S818-IMS             | 32GB(8GB*4)    | SS    | V-COLOR      | N/A                 |             | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| TEAM          | TED416G2133C15BK            | 16G            | DS    | TEAM         | T4D10248MT-21       | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| TIGO          | TMKU8GF58-2133P             | 8G             | DS    | N/A          | PPE08-093TP         |             | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| SAMSUNG       | M378A5143EB1-CPB            | 4GB            | SS    | SEC 637      | E8GZ250WP           | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| SAMSUNG       | M378A5143EB1-CPB            | 4GB            | SS    | SEC 607      | E8K4089YC           | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| TEAM          | TED48G2133C15BK             | 8GB            | SS    | TEAM         | T4D10248KT-21       | 15-15-15-36 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| ANUCCELL      | GRPIF1621033818594          | 8GB            | DS    | ANUCCELL     | P4P4GF3BLF-GMT      | 16-16-16-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |
| GALAXY        | GAL4AXLBM213315IE081C       | 8GB            | SS    | GALAXY       | GA4L1GM88BA093H     | 15-15-15-35 | 1.2V    | 2133      | 2133                             | •                              | •      | •      |

|          |                              |                |    |              |                   |                |       |      |          |   |   |   |
|----------|------------------------------|----------------|----|--------------|-------------------|----------------|-------|------|----------|---|---|---|
| Xiede    | 1.2V-PC4-17000-1620          | 4GB            | SS | MICON        | 6GA77D9RGQ        | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| Xiede    | 1.2V-PC4-17000-1620          | 8GB            | DS | SK HYNIX     | H5AN4G8NMFR       | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● |   |
| V-COLOR  | TC48G21S815                  | 8GB            | SS | V-COLOR      | TMCB134HA3        | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| V-COLOR  | TC48G21S815-IMS              | 8GB            | SS | V-COLOR      | E0510             | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| SAMSUNG  | M378A2K43BB1CPB              | 16G            | DS | SEC510       | K4A8G085WBBCPB    |                | 1.2V  | 2133 | 2133     | ● | ● | ● |
| G.SKILL  | F4-2133C15Q-32GRR            | 8G*4           | SS | N/A          | Heat-Sink Package | 15-15-15-35    | 1.20V | 2133 | 2133     | ● | ● | ● |
| G.SKILL  | F4-2133C15Q2-64GRR           | 8G*8           | SS | N/A          | Heat-Sink Package | 15-15-15-35    | 1.20V | 2133 | 2133     | ● | ● | ● |
| CRUCIAL  | CT16G4DFD8213.C16FAD1        | 16G            | DS | MICON        | 6NA47C9BGD        |                | 1.2V  | 2133 | 2133     | ● | ● | ● |
| CRUCIAL  | CT8G4DFD8213.C16FDR2         | 8G             | DS | MICON        | 6UD75C9BHB        |                | 1.2V  | 2133 | 2133     | ● | ● | ● |
| CRUCIAL  | CT4G4DFS8213.C8FBD2          | 4G             | SS | MICON        | 6SB45C9BHC        |                | 1.2V  | 2133 | 2133     | ● | ● | ● |
| GEIL     | GFY48GB2133C15DC             | 4G             | SS | N/A          | Heat-Sink Package | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| Klevv    | IM48GU88N21-FFFHMB           | 8GB            | SS | N/A          | Heat-Sink Package | 15-15-15       | 1.2V  | 2133 | DOCP2133 | ● | ● | ● |
| Klevv    | IM44GU48N21-FFFHAB           | 4GB            | SS | N/A          | Heat-Sink Package | 15-15-15       | 1.2V  | 2133 | DOCP2133 | ● | ● | ● |
| Klevv    | IM4AGU88N21-FFFHMB           | 16GB           | DS | N/A          | Heat-Sink Package | 15-15-15       | 1.2V  | 2133 | DOCP2133 | ● | ● | ● |
| TEAM     | TED432G2133C15QC01           | 32GB(8GB*4)    | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPRD432G2133HC15QC01         | 32GB(8GB*4)    | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPD432G2133HC15QC01          | 32GB(8GB*4)    | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TED416G2133C15DC01           | 16GB(8GB*2)    | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPRD416G2133HC15DC01         | 16GB(8GB*2)    | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPD416G2133HC15DC01          | 16GB(8GB*2)    | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TED48G2133C1501              | 8GB            | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPRD48G2133HC1501            | 8GB            | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPD48G2133HC1501             | 8GB            | DS | SK Hynix     | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TED464G2133C15QC01           | 64GB(16GB*4)   | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPRD464G2133HC15QC01         | 64GB(16GB*4)   | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPD464G2133HC15QC01          | 64GB(16GB*4)   | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TED432G2133C15DC01           | 32GB(16GB*2)   | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPRD432G2133HC15DC01         | 32GB(16GB*2)   | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPD432G2133HC15DC01          | 32GB(16GB*2)   | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TED416G2133C1501             | 16GB           | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPRD416G2133HC1501           | 16GB           | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| TEAM     | TPD416G2133HC1501            | 16GB           | DS | Micron       |                   | 15-15-15-36    | 1.2V  | 2133 | 2133     | ● | ● | ● |
| ADATA    | AX4U2400W8G16-DRZ            | 8G             | DS | N/A          | Heat-Sink Package | 16-16-16       | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| G.SKILL  | F4-2400C15Q-32GRB            | 32GB ( 8GB*4 ) | DS | N/A          | Heat-Sink Package | 15-15-15-35    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| PATRIOT  | PX416G240C5QK                | 4G             | SS | N/A          | Heat-Sink Package | 15-15-15-35    | 1.2V  | 2400 | 2133     | ● | ● | ● |
| GLOWAY   | PC4-19200                    | 4G             | DS | N/A          | Heat-Sink Package | 16-16-16-35    | 1.2V  | 2400 | 2133     | ● | ● | ● |
| TEAM     | TED48GM2400C16BK             | 8G             | DS | SEC 443 BCPB | K4A4G085WD        | 16-16-16-39    | 1.2V  | 2400 | 2400     | ● | ● | ● |
| PANRAM   | PUD42400C154G4NJW            | 16GB ( 4GB*4)  | SS | N/A          | Heat-Sink Package | 15-15-15-35    | 1.2V  | 2400 | 2400     | ● | ● | ● |
| CORSAIR  | CMK32GX4M4A2400C14           | 8G             | DS | N/A          | Heat-Sink Package | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| CRUCIAL  | BLS4K4G4D240FSA              | 4G             | SS | N/A          | Heat-Sink Package | 16-16-16-39    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| ADATA    | AX4U2400W4G16-DRZ            | 4G             | SS | N/A          | Heat-Sink Package | 16-16-16       | 1.2V  | 2400 | 2133     | ● | ● | ● |
| MUSHKIN  | 997199F                      | 8G             | DS | N/A          | Heat-Sink Package | 15-15-15-35-50 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| APACER   | 78.C1GMA.AF30B               | 8G             | DS | SK HYNIX     | H5AN4G8NMFR       | 16-16-16-36    | 1.2V  | 2400 | 2133     | ● | ● | ● |
| PNY      | MD16GK2D4240015AB            | 16GB ( 8GB*2)  | DS | N/A          | Heat-Sink Package |                | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| V-COLOR  | TD8G16C16-UHK                | 16GB ( 8GB*2)  | DS | N/A          | Heat-Sink Package | 16-16-16-35    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| G.SKILL  | F4-2400C15D-169GVR           | 16GB ( 8GB*2)  | DS | N/A          | Heat-Sink Package | 15-15-15-35    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| APACER   | AHU08GGB24CDT7G              | 8G             | DS | N/A          | Heat-Sink Package | 16-16-16-36    |       | 2400 | DOCP2400 | ● | ● | ● |
| CORSAIR  | CM4X8GE2400C14K4-CN(Ver4.24) | 8G             | DS | N/A          | Heat-Sink Package | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| CORSAIR  | CMK8GX4M1A2400C14(Ver3.20)   | 8G             | DS | N/A          | Heat-Sink Package | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| PATRIOT  | PSD44G240081                 | 4G             | SS | PAIROT       | PM512M8D4BU-083   |                |       | 2400 | 2400     | ● | ● | ● |
| APACER   | 78.B1GMA.AF20B               | 4G             | SS | SK HYNIX     | H5AN4G8NMFR       | 16-16-16-36    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| KINGSTON | HX424C15FBK4/16              | 4G             | SS | N/A          | Heat-Sink Package |                | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| G.SKILL  | F4-2400C14Q2-128GRK          | 16G            | DS | N/A          | Heat-Sink Package | 14-14-14-34    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| G.SKILL  | F4-2400C14Q-16GRK            | 4G             | SS | N/A          | Heat-Sink Package | 14-14-14-34    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| G.SKILL  | F4-2400C15Q-16GRR            | 4G             | SS | N/A          | Heat-Sink Package | 15-15-15-35    | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |

|          |                              |                 |    |         |                     |                |       |      |          |   |   |   |
|----------|------------------------------|-----------------|----|---------|---------------------|----------------|-------|------|----------|---|---|---|
| AVEXIR   | AVD4UZ124001608G-4COR        | 8G              | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| AVEXIR   | AVD4UZ124001604G-4COB        | 4G              | SS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CRUCIAL  | BLS8G4D240FSA.16FADG         | 8G              | DS | N/A     | Heat-Sink Package   | 16-16-16-39    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| TEAM     | TED48G2400C16BK              | 8GB             | DS | TEAM    | T4D5128HT-24        | 16-16-16-39    | 1.2V  | 2400 | 2400     | • | • | • |
| KINGSTON | HX424C12PBK4/32              | 8G              | DS | N/A     | Heat-Sink Package   |                | 1.35V | 2400 | DOCP2400 | • | • | • |
| CUSO     | PC4-19200                    | 4G              | SS | CUSO    | 512X8DDR4           | 16-16-16-35    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| PATRIOT  | PSD48G240002                 | 8G              | DS | PAIROT  | 1621JB5454512X8DDR4 |                |       | 2400 | 2400     | • | • | • |
| GALAXY   | GAL4AXLBM2400D16JE081C       | 8G              | SS | GALAXY  | GA4L1GM88BA093H     |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| GEIL     | DDR48GB2400C16QC             | 8G              | SS | GEIL    | 1GX8DDR4 HL 1612    | 16-16-16-36    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CORSAIR  | CM4X8GE2400C16K4-CN(Ver5.20) | 8G              | DS | N/A     | Heat-Sink Package   | 16-16-16-39    | 1.2V  | 2400 | 2133     | • | • | • |
| LEORICE  | DDR4/2400MHZ/CL15/1.2V       | 32GB ( 8GB*4 )  | SS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CORSAIR  | CMD32GX4M4A2400C14(Ver4.23)  | 8G              | DS | N/A     | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| AMD      | R748G2400U2S                 | 8G              | DS | N/A     | Heat-Sink Package   | 15-15-15-36    | 1.2V  | 2400 | 2133     | • | • | • |
| MICRON   | MTA16ATF2G64AZ-2G3B1         | 16G             | DS | MICRON  | 5WB47D9TBH          |                |       | 2400 | 2400     | • | • | • |
| MICRON   | MTA8ATF1G64AZ-2G3B1          | 8G              | SS | MICRON  | 5WB47D9TBH          | 17-17-17-39-55 | 1.2V  | 2400 | 2400     | • | • | • |
| APACER   | AHU08GGB13CGT7G              | 8G              | DS | N/A     | N/A                 |                |       | 2400 | 2400     | • | • | • |
| KINGSTON | HX424C12SB2K4/16             | 16GB ( 4GB*4 )  | SS | N/A     | Heat-Sink Package   |                | 1.35V | 2400 | DOCP2400 | • | • | • |
| KINGSTON | HX424C12SB2K4/32             | 32GB ( 8GB*4 )  | DS | N/A     | Heat-Sink Package   |                | 1.35V | 2400 | 2133     | • | • | • |
| KINGSTON | HX424C15FBK2/16              | 16GB ( 8GB*2 )  | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| GALAXY   | GAM4BXLBS240016JE164C        | 16GB ( 4GB*4 )  | SS | N/A     | Heat-Sink Package   | 16-16-16-36    | 1.2V  | 2400 | 2133     | • | • | • |
| APACER   | AH08GGB24CDT5H               | 16GB ( 2x 8G )  | DS | N/A     | Heat-Sink Package   | 16-16-16-36    |       | 2400 | 2133     | • | • | • |
| CORSAIR  | CMK8GX4M2A2400C14(Ver3.20)   | 8GB ( 2x 4G )   | SS | N/A     | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CORSAIR  | CMK16GX4M2A2400C14           | 16GB ( 2x 8G )  | DS | N/A     | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| AVEXIR   | AVD4UZ124001608G-1COB        | 8G              | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | 2133     | • | • | • |
| AVEXIR   | AVD4U24001608G-1BW           | 8G              | DS | N/A     | 512X8DDR4           |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| APACER   | AU08GGB24CETBGC              | 8G              | DS | APACER  | AM6F60080THSB21550F |                |       | 2400 | 2400     | • | • | • |
| AVEXIR   | AVD4UZ124001608G-2COR        | 16GB (8GB*2 )   | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | 2133     | • | • | • |
| V-COLOR  | 8GTC48G24S817-IMS            | 32GB ( 8GB*4 )  | SS | V-COLOR | N/A                 |                | 1.2V  | 2400 | 2400     | • | • | • |
| CORSAIR  | CMD32GX4M4A2400C12(Ver5.20)  | 32GB(8GB*4)     | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| G.SKILL  | F4-2400C15Q-64GIS            | 64GB(16GB*4)    | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| G.SKILL  | F4-2400C15Q-32GNT            | 32GB(8GB*4)     | SS | G.SKILL | D4 1GM8GE15         |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CRUCIAL  | BLS8G4D240FSA.16FARG         | 32GB(8GB*4)     | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | 2400     | • | • | • |
| GEIL     | GLW416GB2400C15DC            | 8G              | SS | N/A     | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| TEAM     | TDTRD48G2400HC15ABK          | 8GB             | SS | N/A     | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| TEAM     | TDRED48G2400HC14BK           | 8GB             | DS | N/A     | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| GEIL     | GRP416GB2400C16DC            | 8GB             | SS | N/A     | Heat-Sink Package   | 16-16-16-36    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| ADATA    | AX4U2400W8G16-BRZ            | 8G              | DS | N/A     | Heat-Sink Package   | 16-16-16       | 1.2V  | 2400 | DOCP2400 | • | • | • |
| KINGSTON | HX424C15FB/16                | 16GB            | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CRUCIAL  | BLS8G4D240FSA.16FARG         | 8GB             | DS | N/A     | Heat-Sink Package   | 16-16-16-39    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CORSAIR  | CMK32GX4M2A2400C14(Ver3.31)  | 32GB(16GB*2)    | DS | N/A     | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| GALAXY   | GAM4HFL1BM2400D15IE081C      | 8G              | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CORSAIR  | CMK32GX4M4A2400C16R(Ver3.31) | 32GB(4*8GB)     | SS | N/A     | Heat-Sink Package   | 16-16-16-39    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| CORSAIR  | CMD16GX4M4B2400C10(Ver5.20)  | 16GB(4*4GB)     | SS | N/A     | Heat-Sink Package   | 10-12-12-28    | 1.35V | 2400 | 2133     | • | • | • |
| MUSHKIN  | 997199T                      | 16GB(2*8GB)     | SS | N/A     | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| TEAM     | TED416G2400C16BK             | 16G             | DS | TEAM    | T4D10248MT-24       | 16-6-16-39     | 1.2V  | 2400 | 2400     | • | • | • |
| TEAM     | TCD44G2400C14BK              | 4GB             | SS | Skhymix | H5AN4G8NAFR         | 14-16-16-31    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| APACER   | AU08GGB24CEYBGC              | 8G              | SS | APACER  | AM6F6308MHHSB2      | 17-17-17-39    | 1.2V  | 2400 | 2400     | • | • | • |
| KINGSTON | HX424C12SB2K2/16             | 16G             | DS | N/A     | Heat-Sink Package   |                | 1.35V | 2400 | DOCP2400 | • | • | • |
| KINGSTON | KVR24N17D8/8-SP              | 8G              | DS | N/A     | Heat-Sink Package   |                | 1.2V  | 2400 | 2400     | • | • | • |
| GLOWAY   | PC4-19200                    | 8G              | SS | N/A     | M15B302062          | 15-15-15-35    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| ADATA    | AX4U240038G16-BWZ            | 8GB*8           | SS | N/A     | Heat-Sink Package   | 17-16-16-39    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| ADATA    | AX4U2400316G16-SBF           | 16G*16          | DS | N/A     | Heat-Sink Package   | 17-16-16-39    | 1.2V  | 2400 | DOCP2400 | • | • | • |
| AVEXIR   | AVD4UZ124001608G-4COR        | 8GB*4           | SS | N/A     | Heat-Sink Package   | 16-16-16-36    | 1.2V  | 2400 | 2400     | • | • | • |
| AVEXIR   | AVD4UZ124001604G-4COR        | 16GB ( 4x 4GB ) | SS | N/A     | Heat-Sink Package   | 16-16-16-36    | 1.2V  | 2400 | DOCP2400 | • | • | • |

|          |                        |              |    |          |                   |             |      |      |          |   |   |   |
|----------|------------------------|--------------|----|----------|-------------------|-------------|------|------|----------|---|---|---|
| KINGSTON | TF24D4U7S8MB-8         | 8GB          | SS | MICON    | 6SB77D9TBH        | 17-17-17-39 | 1.2V | 2400 | 2400     | ● | ● | ● |
| KINGSTON | TF24D4U7S8MBD-4        | 4GB          | SS | MICON    | 6QB77D9TGG        | 17-17-17-39 | 1.2V | 2400 | 2400     | ● | ● | ● |
| RAMAXEL  | RMUA5120MB86H9F-2400   | 4GB          | SS | MICON    | 6RB77D9TBK        | 17-17-17-39 | 1.2V | 2400 | 2400     | ● | ● | ● |
| RAMAXEL  | RMUA5120MB76H8F-2400   | 2GB          | SS | MICON    | 6GB77D9TGQ        | 17-17-17-39 | 1.2V | 2400 | 2400     | ● | ● | ● |
| ADATA    | AX4U240038G16-SBF      | 8GB          | SS | N/A      | Heat-Sink Package | 17-17-17-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| ADATA    | AX4U2400W8G16-DRD      | 8GB          | DS | N/A      | Heat-Sink Package | 17-17-17-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| ADATA    | AX4U2400316G16-DRD     | 16G          | DS | N/A      | Heat-Sink Package | 17-17-17-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| G.SKILL  | F4-2400C15Q2-64GRK     | 8GB*8        | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TCD48G2400C14BK        | 8G           | SS | TEAM     | T4D10248MT-24     | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TED44G2400C16BK        | 4G           | SS | TEAM     | T4D5128MT-24      | 16-16-16-39 | 1.2V | 2400 | 2400     | ● | ● | ● |
| CRUCIAL  | BLS16G4D240FSE.16FAD   | 16G          | DS | N/A      | Heat-Sink Package | 16-16-16-39 | 1.2V | 2400 | 2400     | ● | ● | ● |
| CRUCIAL  | BLS4G4D240FSA.8FARG    | 4G           | SS | N/A      | Heat-Sink Package | 16-16-16-39 | 1.2V | 2400 | 2400     | ● | ● | ● |
| PATRIOT  | PV48G240C5             | 8G           | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TFWD416G2400C15BBK     | 16G          | DS | TEAM     | PP020-093E TP     | 15-17-17-35 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TFRD48G2400C15ABK      | 8G           | SS | TEAM     | T4D10248HT-24     | 15-15-15-35 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TFRD44G2400C15ABK      | 4G           | SS | TEAM     | T4D5128HT-24      | 15-15-15-35 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| Klevv    | IM44GU48N24-FFFHAZ     | 4GB          | SS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400     | ● | ● | ● |
| Klevv    | IM4AGU88N24-FFFHMZ     | 16GB         | DS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400     | ● | ● | ● |
| Klevv    | IM48GU88N24-FFFHMZ     | 8GB          | SS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400     | ● | ● | ● |
| Klevv    | IM4AGU88N24-FFFHMB     | 16GB         | DS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400     | ● | ● | ● |
| Klevv    | IM48GU88N24-FFFHMB     | 8GB          | SS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400     | ● | ● | ● |
| Klevv    | IM44GU48N24-FFFHAB     | 4GB          | SS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400     | ● | ● | ● |
| TEAM     | TED464G2400C16QC01     | 64GB(16GB*4) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TPRD464G2400HC16QC01   | 64GB(16GB*4) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TPD464G2400HC16QC01    | 64GB(16GB*4) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TED432G2400C16DC01     | 32GB(16GB*2) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TPRD432G2400HC16DC01   | 32GB(16GB*2) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TPD432G2400HC16DC01    | 32GB(16GB*2) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TED416G2400C1601       | 16GB         | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TPRD416G2400HC1601     | 16GB         | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TPD416G2400HC1601      | 16GB         | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLRED416G2400HC14QC01  | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLGD416G2400HC14QC01   | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDRED416G2400HC14QC01  | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDGED416G2400HC14QC01  | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLRED48G2400HC14DC01   | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLGD48G2400HC14DC01    | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDRED48G2400HC14DC01   | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDGED48G2400HC14DC01   | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLRED44G2400HC1401     | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLGD44G2400HC1401      | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDRED44G2400HC1401     | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDGED44G2400HC1401     | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLRED432G2400HC14QC01  | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLGD432G2400HC14QC01   | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDRED432G2400HC14QC01  | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDGED432G2400HC14QC01  | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLRED416G2400HC14DC01  | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLGD416G2400HC14DC01   | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDRED416G2400HC14DC01  | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDGED416G2400HC14DC01  | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLRED48G2400HC1401     | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TLGD48G2400HC1401      | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDRED48G2400HC1401     | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDGED48G2400HC1401     | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD464G2400HC15BQC01 | 64GB(16GB*4) | DS | Spectek  |                   | 15-17-17-35 | 1.2V | 2400 | DOCP2400 | ● | ● | ● |

|          |                              |                |    |          |                   |             |       |      |          |   |   |   |
|----------|------------------------------|----------------|----|----------|-------------------|-------------|-------|------|----------|---|---|---|
| TEAM     | TDTRD464G2400HC15BQC01       | 64GB(16GB*4)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD464G2400HC15BQC01       | 64GB(16GB*4)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD432G2400HC15BDC01       | 32GB(16GB*2)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD432G2400HC15BDC01       | 32GB(16GB*2)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD432G2400HC15BDC01       | 32GB(16GB*2)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15B01         | 16GB           | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15B01         | 16GB           | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15B01         | 16GB           | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD432G2400HC15AQC01       | 32GB(8GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD432G2400HC15AQC01       | 32GB(8GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD432G2400HC15AQC01       | 32GB(8GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15ADC01       | 16GB(8GB*2)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15ADC01       | 16GB(8GB*2)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15ADC01       | 16GB(8GB*2)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD48G2400HC15A01          | 8GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD48G2400HC15A01          | 8GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD48G2400HC15A01          | 8GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15AQC01       | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15AQC01       | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD416G2400HC15AQC01       | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD48G2400HC15ADC01        | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD48G2400HC15ADC01        | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD48G2400HC15ADC01        | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD44G2400HC15A01          | 4GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD44G2400HC15A01          | 4GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| TEAM     | TDTRD44G2400HC15A01          | 4GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | DOCP2400 | ● | ● | ● |
| CORSAIR  | CMK16GX4M4A2666C16(Ver5.29)  | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMD32GX4M4A2666C15(Ver5.29)  | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| G.SKILL  | F4-2666C15Q-16GRR            | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| G.SKILL  | F4-2666C16Q2-64GRB           | 64GB ( 8GB*8 ) | DS | N/A      | Heat-Sink Package | 16-16-16-36 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| MUSHKIN  | 997192F                      | 8GB(4GB*2)     | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| KINGSTON | HX426C13PBK4/32              | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.35V | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMD128GX4M8A2666C15(Ver4.31) | 128GB(16GB*4)  | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| KINGSTON | HX426C15FBK4/16              | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CRUCIAL  | BLE4G4D26AFA.8FAD            | 8G             | SS | N/A      | Heat-Sink Package | 16-16-17-36 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| AVEXIR   | AVD4UZ126661504G-4COB        | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| PATRIOT  | PV416G266C5QK                | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| AVEXIR   | AVD4UZ126661508G-4COB        | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CRUCIAL  | BLT4G4D26AFTA.8FADG          | 4G             | SS | N/A      | Heat-Sink Package | 16-17-17-36 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CRUCIAL  | BLT8G4D26AFTA.16FAD          | 8G             | DS | N/A      | Heat-Sink Package | 16-17-17-36 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| KLEVV    | IMA41GU6MFR8N-C F0           | 8G             | DS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V  | 2666 | 2666     | ● | ● | ● |
| KINGSTON | HX426C13SB2K4/32             | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.35V | 2666 | 2666     | ● | ● | ● |
| KINGSTON | HX426C13SB2K4/16             | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.35V | 2666 | 2666     | ● | ● | ● |
| PNY      | MD16GK4D4266615AXR           | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2666     | ● | ● | ● |
| AVEXIR   | AVD4UZ126661504G-4IPROG      | 16G(4G*4)      | DS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2666     | ● | ● | ● |
| AVEXIR   | AVD4UZ126661504G             | 8G(4G*2)       | DS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMU32GX4M2A2666C16(Ver4.31)  | 32GB(2*16GB)   | DS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMK32GX4M4A2666C16(Ver3.20)  | 32GB(8GB*4)    | DS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMK16GX4M2A2666C16(Ver3.31)  | 16GB(2*8GB)    | SS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMK32GX4M2A2666C16(Ver5.39)  | 32GB(2*16GB)   | DS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMK16GX4M4A2666C15(Ver5.20)  | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| CORSAIR  | CMK64GX4M4A2666C16(Ver5.30)  | 64GB(16GB*4)   | DS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| G.SKILL  | F4-2666C15Q-32GRR            | 8G*4           | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2666     | ● | ● | ● |
| AVEXIR   | AVD4UZ126661704G-4COR        | 4G*4           | SS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2666     | ● | ● | ● |
| AVEXIR   | AVD4UZ126661708G-4COR        | 8G*4           | SS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2666     | ● | ● | ● |

|          |                               |                 |    |      |                   |                |       |      |      |   |   |   |
|----------|-------------------------------|-----------------|----|------|-------------------|----------------|-------|------|------|---|---|---|
| CORSAIR  | CMK32GX4M4A2666C15(Ver5.20)   | 32GB(4*8GB)     | DS | N/A  | Heat-Sink Package | 15-17-17-35    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| TEAM     | TFRD4162666C15BBK             | 16G             | DS | N/A  | SEC546            | 15-17-17-35    | 1.2V  | 2666 | 2666 | ● | ● |   |
| TEAM     | TFWD48G2666C15BBK             | 8G              | DS | N/A  | SEC634            | 15-17-17-35    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| TEAM     | TCD44G2666C15BBK              | 4G              | SS | TEAM | T4D5128HT-266     | 15-17-17-35    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| HyperX   | HX426C15FBK2/16               | 8G              | DS | N/A  | Heat-Sink Package |                | 1.2V  | 2666 | 2666 | ● | ● | ● |
| Klevv    | IM48GU88N26-FFHMHZ            | 8GB             | SS | N/A  | Heat-Sink Package | 15-15-15       | 1.2V  | 2666 | 2666 | ● | ● |   |
| Klevv    | IM4AGU88N26-FFHMHZ            | 16GB            | DS | N/A  | Heat-Sink Package | 15-15-15       | 1.2V  | 2666 | 2666 | ● | ● | ● |
| Klevv    | IM44GU48N26-FFHAZ             | 4GB             | SS | N/A  | Heat-Sink Package | 15-15-15       | 1.2V  | 2666 | 2666 | ● | ● | ● |
| CORSAIR  | CMK16GX4M2A2666C16(Ver5.30)   | 8GB             | SS | N/A  | Heat-Sink Package | 16-18-18-35    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| ADATA    | AX4U266638G16-DRZ             | 16GB ( 2x 8GB ) | SS | N/A  | Heat-Sink Package | 16-16-16-39    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| ADATA    | AX4U2666W8G16-QRZ             | 32GB ( 4x 8GB ) | DS | N/A  | Heat-Sink Package | 16-16-16-39    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| crucial  | BLS8G4D26BFSC.16FBR2          | 8GB             | DS | N/A  | Heat-Sink Package | 16-18-18-38    | 1.20V | 2666 | 2666 | ● | ● | ● |
| crucial  | BLS16G4D26BFSC.16FBD          | 16GB            | DS | N/A  | Heat-Sink Package | 16-18-18-38    | 1.20V | 2666 | 2666 | ● | ● | ● |
| crucial  | BLS4G4D26BFSC.8FBR2           | 4GB             | SS | N/A  | Heat-Sink Package | 16-18-18-38    | 1.20V | 2666 | 2666 | ● | ● | ● |
| CORSAIR  | CMK128GX4M8A2666C16(Ver5.39)  | 128GB(8*16GB)   | DS | N/A  | Heat-Sink Package | 16-18-18-36    | 1.20V | 2666 | 2666 | ● | ● | ● |
| CORSAIR  | CMR16GX4M2A2666C16            | 16GB ( 2x 8GB ) | SS | N/A  | Heat-Sink Package | 16-18-18-35    | 1.20V | 2666 | 2666 | ● | ● | ● |
| CORSAIR  | CMR64GX4M8A2666C16            | 64GB ( 8x 8GB ) | SS | N/A  | Heat-Sink Package | 16-18-18-35    | 1.20V | 2666 | 2666 | ● | ● | ● |
| HyperX   | HX426C16FB2K4/64KH2666C16/16G | 64GB(4*16GB)    | DS | N/A  | Heat-Sink Package | 16-18-18-39    | 1.20V | 2666 | 2666 | ● | ● | ● |
| ADATA    | AX4U2666W4G16-BRZ             | 4GB             | SS | N/A  |                   | 16-16-16-39    | 1.2V  | 2666 | 2666 | ● | ● |   |
| ADATA    | AX4U266638G16-DRZ             | 16GB ( 2x 8GB ) | SS | N/A  |                   | 16-16-16-39    | 1.2V  | 2666 | 2666 | ● | ● |   |
| ADATA    | AX4U2666W8G16-QRZ             | 32GB ( 4x 8GB ) | DS | N/A  |                   | 16-16-16-39    | 1.2V  | 2666 | 2666 | ● | ● |   |
| ADATA    | AX4U266638G16-BRS             | 64GB(8x 8GB )   | SS | N/A  |                   | 16-16-16-39    | 1.20V | 2666 | 2666 | ● | ● | ● |
| ADATA    | AD4U266638G19-B               | 8GB*8           | SS | N/A  |                   | 19-19-19-43    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| ADATA    | AD4U2666316G19-B              | 16GB*16         | DS | N/A  |                   | 19-19-19-43    | 1.2V  | 2666 | 2666 | ● | ● | ● |
| CORSAIR  | CMK16GX4M4A2800C16(Ver5.29)   | 16GB ( 4GB*4)   | SS | N/A  | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| KINGSTON | HX428C14PB2K4/16              | 16GB ( 4GB*4)   | SS | N/A  | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 2800 | 2800 | ● | ● |   |
| PANRAM   | PUD42800C164G4NJW             | 16GB ( 4GB*4)   | SS | N/A  | Heat-Sink Package | 16-18-18-36    | 1.25V | 2800 | 2800 | ● | ● |   |
| KINGSTON | HX428C14PBK4/32               | 32GB ( 8GB*4 )  | DS | N/A  | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 2800 | 2800 | ● | ● |   |
| AVEXIR   | AVD4UZ128001604G-4COB         | 16GB ( 4GB*4)   | SS | N/A  | Heat-Sink Package | 15-15-15-36-51 | 1.2V  | 2800 | 2800 | ● | ● | ● |
| AVEXIR   | AVD4UZ128001608G-4COB         | 32GB ( 8GB*4 )  | DS | N/A  | Heat-Sink Package | 15-15-15-36-51 | 1.2V  | 2800 | 2800 | ● | ● | ● |
| CORSAIR  | CMK32GX4M4A2800C16(Ver4.24)   | 32GB ( 8GB*4 )  | DS | N/A  | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2800 | ● | ● | ● |
| G.SKILL  | F4-2800C16D-16GRR             | 8G*2            | SS | N/A  | Heat-Sink Package |                | 1.2V  | 2800 | 2800 | ● | ● |   |
| ADATA    | AX4U280038G17-SBF             | 8GB*8           | SS | N/A  | Heat-Sink Package | 18-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● | ● |
| G.SKILL  | F4-2800C14Q-64GVK             | 16G*4           | DS | N/A  | Heat-Sink Package | 14-14-14-35    | 1.35V | 2800 | 2800 | ● | ● |   |
| G.SKILL  | F4-2800C16Q-32GVR             | 8G*4            | SS | N/A  | Heat-Sink Package | 16-16-16-36    | 1.20V | 2800 | 2800 | ● | ● | ● |
| AVEXIR   | AVD4UZ128001504G-4BZ1RR       | 4G*4            | SS | N/A  | Heat-Sink Package |                | 1.35V | 2800 | 2800 | ● | ● | ● |
| AVEXIR   | AVD4UZ128001508G-4BZ1RR       | 8G*4            | DS | N/A  | Heat-Sink Package |                | 1.35V | 2800 | 2800 | ● | ● | ● |
| CORSAIR  | CMD32GX4M4A2800C16(Ver5.20)   | 16GB(4*4GB)     | SS | N/A  | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2800 | ● | ● | ● |
| CORSAIR  | CMD16GX4M4A2800C16(Ver3.21)   | 64GB(8*8GB)     | DS | N/A  | Heat-Sink Package | 14-16-16-36    | 1.35V | 2800 | 2800 | ● | ● | ● |
| TEAM     | TFWD416G2800C16CBK            | 16G             | DS | TEAM | T4D10248HT-30     | 16-18-18-38    | 1.2V  | 2800 | 2800 | ● | ● | ● |
| TEAM     | TFRD48G2800C16CBK             | 8G              | DS | N/A  | SEC625            | 16-18-18-38    | 1.2V  | 2800 | 2800 | ● | ● | ● |
| TEAM     | TCD44G2800C16CBK              | 4G              | SS | TEAM | T4D5128HT-30      | 16-18-18-38    | 1.2V  | 2800 | 2800 | ● | ● |   |
| FORZA    | NFMUD416E8-2800EH2A           | 16GB            | DS | N/A  | Heat-Sink Package | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| FORZA    | NFMUD480E8-2800DH2A           | 8G              | SS | N/A  | Heat-Sink Package | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| ADATA    | AX4U2800W8G17-BRD             | 8GB             | DS | N/A  | Heat-Sink Package | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| G.SKILL  | F4-2800C15Q-32GVR             | 32GB ( 4x 8GB ) | SS | N/A  | Heat-Sink Package | 15-15-15-35    | 1.25V | 2800 | 2800 | ● | ● | ● |
| ADATA    | AX4U2800W4G17-BRZ             | 8GB(2*4GB)      | SS | N/A  | Heat-Sink Package | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| ADATA    | AX4U280038G17-BWZ             | 8G              | SS | N/A  | Heat-Sink Package | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| ADATA    | AX4U280038G17-SBF             | 8GB*8           | SS | N/A  |                   | 18-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● | ● |
| ADATA    | AX4U2800W8G17-BRD             | 8GB             | DS | N/A  |                   | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| ADATA    | AX4U2800W4G17-BRZ             | 8GB(2*4GB)      | SS | N/A  |                   | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| ADATA    | AX4U280038G17-BWZ             | 8G              | SS | N/A  |                   | 17-17-17-36    | 1.2V  | 2800 | 2800 | ● | ● |   |
| CORSAIR  | CMD32GX4M2B3000C15            | 32GB ( 16GB*2 ) | DS | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933 | ● | ● |   |
| KINGSTON | HX430C15PB2K4/16              | 16GB ( 4GB*4)   | SS | N/A  | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2933 | ● |   |   |

|          |                                  |                 |     |      |                   |                |       |      |          |   |   |
|----------|----------------------------------|-----------------|-----|------|-------------------|----------------|-------|------|----------|---|---|
| G.SKILL  | F4-3000C15Q-16GRR                | 16GB ( 4GB*4)   | SS  | N/A  | Heat-Sink Package | 15-15-15-35    | 1.35V | 3000 | 2933     | ● | ● |
| PANRAM   | PUD43000C154G4NJW                | 16GB ( 4GB*4)   | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| KINGSTON | HX430C15PBK4/32                  | 32GB ( 8GB*4)   | DS  | N/A  | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2933     | ● | ● |
| AVEXIR   | AVD4UZ130001604G-4COB            | 16GB ( 4GB*4)   | SS  | N/A  | Heat-Sink Package | 15-15-15-36-51 | 1.35V | 3000 | 2933     | ● | ● |
| AVEXIR   | AVD4UZ130001608G-4COB            | 32GB ( 8GB*4)   | SS  | N/A  | Heat-Sink Package | 15-15-15-36-51 | 1.35V | 3000 | 2933     | ● | ● |
| KLEVV    | IM44GU48A30-GIHMZ                | 16GB ( 4GB*4)   | SS  | N/A  | Heat-Sink Package | 16-18-18       | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMK16GX4M2B3000C15(Ver4.24)      | 16GB (8GB*2)    | DS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| KINGSTON | HX430C15SB2K4/16                 | 16GB ( 4GB*4)   | SS  | N/A  | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2933     | ● | ● |
| TEAM     | TDGED48G3000HC16ABK              | 16GB ( 8GB*2)   | DS  | N/A  | Heat-Sink Package | 16-16-16-36    | 1.35V | 3000 | 2933     | ● | ● |
| G.SKILL  | F4-3000C15D-32GVR                | 32GB ( 16GB*2)  | DS  | N/A  | Heat-Sink Package | 15-15-15-35    | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMK64GX4M4B3000C15(Ver4.31)      | 64GB ( 16GB*4)  | DS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| ADATA    | AX4U300038G16-DBZ                | 8G              | DS  | N/A  | Heat-Sink Package | 16-18-18-36    | 1.35V | 3000 | 2933     | ● | ● |
| ADATA    | AX4U3000316G16-BGZ               | 16G             | DS  | N/A  | Heat-Sink Package | 16-18-18       | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMD16GX4M4B3000C15(Ver4.24)      | 4G              | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMU16GX4M2C3000C15(Ver4.31)      | 8G              | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMK16GX4M4B3000C15(Ver3.21)      | 4G              | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| G.SKILL  | F4-3000C15Q-32GRK                | 8G*4            | SS  | N/A  | Heat-Sink Package | 15-15-15-35    | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMK8GX4M2B3000C15(Ver3.21)       | 8GB(2*4GB)      | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMU32GX4M4C3000C15(Ver5.30)      | 32GB(8GB*4)     | DS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| GEIL     | GFR416GB3000C15ADC               | 8G              | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| TEAM     | TFWD416G3000C16CBK               | 16G             | DS  | TEAM | T4D10248HT-30     | 16-18-18-38    | 1.35V | 3000 | 2933     | ● | ● |
| TEAM     | TFRD48G3000C16CBK                | 8G              | DS  | N/A  | SEC625            | 16-18-18-38    | 1.35V | 3000 | 2933     | ● | ● |
| TEAM     | TCD44G3000C16CBK                 | 4G              | SS  | TEAM | T4D5128HT-30      | 16-18-18-38    | 1.35V | 3000 | 2933     | ● | ● |
| Klevv    | IM4AGU88A30-FGGHMZ               | 16GB            | DS  | N/A  | Heat-Sink Package | 15-16-16       | 1.35V | 3000 | 2933     | ● | ● |
| Klevv    | IM48GU88A30-FGGHMZ               | 8GB             | SS  | N/A  | Heat-Sink Package | 15-16-16       | 1.35V | 3000 | 2933     | ● | ● |
| Klevv    | IM44GU48A30-FGGHAZ               | 4GB             | SS  | N/A  | Heat-Sink Package | 15-16-16       | 1.35V | 3000 | 2933     | ● | ● |
| Klevv    | IM48GU88A30-FGGHMB               | 8GB             | SS  | N/A  | Heat-Sink Package | 15-16-16       | 1.35V | 3000 | 2933     | ● | ● |
| Klevv    | IM44GU48A30-FGGHAB               | 4GB             | SS  | N/A  | Heat-Sink Package | 15-16-16       | 1.35V | 3000 | 2933     | ● | ● |
| Klevv    | IM4AGU88A30-FGGHMB               | 16GB            | DS  | N/A  | Heat-Sink Package | 15-16-16       | 1.35V | 3000 | 2933     | ● | ● |
| G.SKILL  | F4-3000C16D-16GISB               | 8GB*2           | SS  | N/A  | Heat-Sink Package | 16-18-18-38    | 1.35V | 3000 | 2933     | ● | ● |
| FORZA    | NFMUD480E8-3000DH2A              | 8GB             | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMR16GX4M2C3000C15(Ver5.30)      | 16GB ( 2x 8GB ) | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| CORSAIR  | CMR32GX4M4C3000C15(Ver5.30)      | 32GB ( 4x 8GB ) | DS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| Team     | TDRRD48G3000HC16CBK              | 8GB             | DS  | N/A  | Heat-Sink Package | 16-18-18-38    | 1.35V | 3000 | 2933     | ● | ● |
| Team     | TDRGD48G3000HC16CBK              | 8GB             | DS  | N/A  | Heat-Sink Package | 16-18-18-38    | 1.35V | 3000 | 2933     | ● | ● |
| GALAXY   | HOF DDR4-3000                    | 16GB ( 2x 8GB ) | N/A | N/A  | Heat-Sink Package | 16-18-18-38    | 1.35V | 3000 | 2933     | ● | ● |
| GeIL     | GLR416GB3000C15ADC               | 8GB             | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| G.SKILL  | F4-3000C15S-16GVR                | 16GB            | DS  | N/A  | Heat-Sink Package | 15-15-15-35    | 1.35V | 3000 | 2933     | ● | ● |
| FORZA    | NMUD480E82-3000DB30              | 8GB             | SS  | N/A  | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2933     | ● | ● |
| PATRIOT  | PV432G300C6QK                    | 32GB ( 4x 8GB ) | SS  | N/A  | Heat-Sink Package | 16-16-16-36    | 1.35V | 3000 | 2933     | ● | ● |
| HyperX   | HX430C15PB3K4/32KHX3000C15D4/8GX | 32GB ( 4x 8GB ) | SS  | N/A  | Heat-Sink Package | 15-17-17-36    | 1.35V | 3000 | 2933     | ● | ● |
| ADATA    | AX4U300038G16-DBZ                | 8G              | DS  | N/A  |                   | 16-18-18-36    | 1.35V | 3000 | 2933     | ● | ● |
| ADATA    | AX4U300038G16-BRS                | 64GB(8x 8GB )   | SS  | N/A  |                   | 16-18-18-36    | 1.35V | 3000 | 2933     | ● | ● |
| ADATA    | AX4U300038G16-BBG                | 64GB(8x 8GB )   | SS  | N/A  |                   | 16-18-18-36    | 1.35V | 3000 | 2933     | ● | ● |
| Hyper X  | HX430C15PB3/8                    | 8GB             | SS  | N/A  |                   |                |       |      |          |   |   |
| Hyper X  | HX430C15PB3K2/16                 | 16GB ( 2x 8GB ) | SS  | N/A  |                   | 15-17-17-36    | 1.35V | 3000 | 2933     | ● | ● |
| PATRIOT  | PV48G340C6K                      | 8GB ( 4GB*2)    | SS  | N/A  | Heat-Sink Package |                | 1.35V | 3200 | DOCP3200 | ● | ● |
| GALAXY   | HOF4CALCS3600K17LD162C           | 16G(8G*2)       | SS  | N/A  | Heat-Sink Package | 17-18-18-38    | 1.35V | 3200 | DOCP3200 | ● | ● |
| CORSAIR  | CMK16GX4M2B3600C18               | 16GB(2*8GB)     | SS  | N/A  | Heat-Sink Package | 18-19-19-39    | 1.35V | 3200 | DOCP3200 | ● | ● |
| G.SKILL  | F4-3200C16D-8GVKB                | 8GB ( 4GB*2)    | SS  | N/A  | Heat-Sink Package | 16-18-18-38    | 1.35V | 3200 | DOCP3200 | ● | ● |
| HyperX   | HX432C16PB3K4/32                 | 32GB(8GB*4)     | SS  | N/A  | Heat-Sink Package | 16-18-18-36    | 1.35V | 3200 | DOCP3200 | ● | ● |
| CORSAIR  | CMD8GX4M2B3733C17(Ver4.31)       | 8GB(2*4GB)      | SS  | N/A  | Heat-Sink Package | 17-19-19-39    | 1.35V | 3200 | DOCP3200 | ● | ● |
| CORSAIR  | CMD8GX4M2B3600C18(Ver4.31)       | 8GB(2*4GB)      | SS  | N/A  | Heat-Sink Package | 18-19-19-39    | 1.35V | 3200 | DOCP3200 | ● | ● |
| TEAM     | TCD44G3866C18ABK                 |                 | SS  | N/A  | SEC537            | 18-20-20-39    | 1.35V | 3200 | DOCP3200 | ● | ● |

|         |                             |                 |    |     |                   |             |       |      |          |     |
|---------|-----------------------------|-----------------|----|-----|-------------------|-------------|-------|------|----------|-----|
| CORSAIR | CMK8GX4M2B4000C19R(Ver4.31) |                 | SS | N/A | Heat-Sink Package | 19-23-23-45 | 1.35V | 3200 | DOCP3200 | ●   |
| G.SKILL | F4-4000C19D-16GTZSW         |                 | SS | N/A | Heat-Sink Package | 19-21-21-41 | 1.35V | 3200 | DOCP3200 | ● ● |
| G.SKILL | F4-4133C19D-16GTZKW         |                 | SS | N/A | Heat-Sink Package | 19-21-21-41 | 1.35V | 3200 | DOCP3200 | ● ● |
| G.SKILL | F4-3866C18Q-16GTZ           | 4G              | SS | N/A | Heat-Sink Package | 18-22-22-42 | 1.35V | 3200 | DOCP3200 | ●   |
| G.SKILL | F4-3200C14Q-32GFX           | 32GB ( 4x 8GB ) | SS | N/A | Heat-Sink Package | 14-14-14-34 | 1.35V | 3200 | DOCP3200 | ●   |
| CORSAIR | CMR32GX4M4C3333C16          | 32GB ( 4x 8GB ) | SS | N/A | Heat-Sink Package | 16-18-18-35 | 1.35V | 3200 | DOCP3200 | ● ● |
| CORSAIR | CMR16GX4M2C3466C16          | 16GB ( 2x 8GB ) | SS | N/A | Heat-Sink Package | 16-18-18-36 | 1.35V | 3200 | DOCP3200 | ●   |
| ADATA   | AX4U320038G16-BRS           | 8GB*8           | SS | N/A |                   | 16-18-18-36 | 1.35V | 3200 | DOCP3200 | ●   |

| Vendors   | Part No.             | Size            | SS/DS | Chip Brand   | Chip NO.            | Timing      | Voltage | RAM Speed | Supported Speed*<br>with 7th Generation A-<br>series/Athlon™<br>Processors | DIMM socket support (Optional) |        |        |
|-----------|----------------------|-----------------|-------|--------------|---------------------|-------------|---------|-----------|--|--------------------------------|--------|--------|
|           |                      |                 |       |              |                     |             |         |           |  | 1 DIMM                         | 2 DIMM | 4 DIMM |
| SAMSUNG   | M378A5143DB0-CPB     | 4G              | SS    | SEC 428 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| SAMSUNG   | M378A1G43DB0-CPB     | 8G              | DS    | SEC 428 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| G.SKILL   | F4-2133C15Q-32GRK    | 32GB ( 8GB*4 )  | DS    | N/A          | Heat-Sink Package   | 15-15-15-35 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C13PBK4/16      | 16GB ( 4GB*4 )  | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| PANRAM    | PUD42133C134G4NJW    | 16GB ( 4GB*4 )  | SS    | N/A          | Heat-Sink Package   | 13-13-13-35 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| CORSAIR   | CMK16GX4M4A2133C15   | 16GB ( 4GB*4 )  | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| CRUCIAL   | MTA8ATF51264AZ-2G1A1 | 4G              | SS    | MICRON       | 4QA77D9RCQ          | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| CORSAIR   | CMV4GX4M1A2133C15    | 4G              | SS    | N/A          | 4GA72Z9RGR          | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| CORSAIR   | CMV8GX4M1A2133C15    | 8G              | DS    | SEC 446 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C14FB/8         | 8G              | DS    | N/A          | Heat-Sink Package   | 14-14-14-35 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C13SBK4/32      | 32GB ( 8GB*4 )  | DS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C13SBK4/16      | 16GB ( 4GB*4 )  | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | KVR21N15D8/8         | 8G              | DS    | SK HYNIX     | H5AN4G8NAFR         | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| AVEXIR    | AVD4U21331508G-1C0B  | 8G              | DS    | N/A          | Heat-Sink Package   | 15-15-15-35 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| GEIL      | GPR48GB2133C15DC     | 8GB ( 4GB*2 )   | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C14FBK4/32      | 32GB ( 8GB*4 )  | DS    | N/A          | Heat-Sink Package   | 14-14-14-35 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| TEKISM    | T4U2133B8G15-SAD     | 8G              | DS    | SEC 446 BCPB | K4A4G085WD          | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| CENTURY   | PC4-17000            | 8G              | DS    | SK HYNIX     | H5AN4G8NMFR         | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | KVR21N15S8/4         | 4G              | SS    | SK HYNIX     | H5AN4G8NMFR         | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| AMD       | R748G2133U2S         | 8G              | DS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| ADATA     | AX4U2133W4G15-QRZ    | 16GB ( 4GB*4 )  | SS    | N/A          | Heat-Sink Package   | 15-15-15    | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| TEAM      | TED48GM2133C15BK     | 8G              | DS    | SK HYNIX     | H5AN4G8NMFR         | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| CUSO      | PC4-17000            | 4G              | SS    | CUSO         | 512X8DDR4           | 15-15-15-35 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| Transcend | TS1GLH72V1H          | 8G              | DS    | SEC552       | K4A4G085WEBPCPB     |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| ADATA     | AD4U2133W8G15-B      | 128GB( 16x 8G ) | DS    | SK HYNIX     | H5AN4G8NAFR         |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| CRUCIAL   | CT8G4DFD8213.16FA11  | 32GB ( 8GB*4 )  | DS    | MICRO        | 5CA77D9RGQ          |             | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | KVR21E15S8/4         | 4GB             | SS    | SK HYNIX     | H5AN4G8NAFR         |             | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| G.SKILL   | F4-2133C15S-8GNT     | 8G              | DS    | G.SKILL      | D4 512M8GE15        | 15-15-15-35 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| TEAM      | TPAD44G2133HC15BK    | 4G              | SS    | N/A          | Heat-Sink Package   | 15-15-15-36 | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| APACER    | AHU08GGB13CGT7G      | 8G              | DS    | N/A          | Heat-Sink Package   |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| ASINT     | SLB404G08-CCN2B 1615 | 8G              | DS    | SK HYNIX     | H5AN4G8NMFR         |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| PATRIOT   | PSD44G213381         | 4G              | SS    | PAIROT       | 1621JB5454512X8DDR4 |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| PATRIOT   | PSD48G21332          | 8G              | DS    | PAIROT       | PM512M8D4BU-083     |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| APACER    | AU08GGB13CDTBGC      | 8G              | DS    | APACER       | AM6F6008THSA11550F  |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| SAMSUNG   | M378A1K43BB1-CPB     | 8G              | SS    | SEC 610      | K4A8G085WBBCPB      |             |         | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C14FB2/8        | 8G              | SS    | N/A          | Heat-Sink Package   |             | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C14FBK2/8       | 8GB ( 4GB*2 )   | SS    | N/A          | Heat-Sink Package   |             | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | HX421C14FB/4         | 4G              | SS    | N/A          | Heat-Sink Package   |             | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| KINGSTON  | KVR21N15S8/8         | 8G              | SS    | MIRCON       | 6HB77D9TBH          |             | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |
| V-COLOR   | TC48G21S818-IMS      | 32GB(8GB*4)     | SS    | V-COLOR      | N/A                 |             | 1.2V    | 2133      | 2133   | ●                              | ●      | ●      |



|          |                       |                |    |          |                   |                |       |      |      |   |   |   |
|----------|-----------------------|----------------|----|----------|-------------------|----------------|-------|------|------|---|---|---|
| GOMOS    | GRR-D4-2400-8GB       | 8G             | SS | GOMOS    | GD4N8G8F-UH       | 1.2V           | 2133  | 2133 | •    | • | • |   |
| TEAM     | TED416G2133C15BK      | 16G            | DS | TEAM     | T4D10248MT-21     | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TIGO     | TMKU8GF58-2133P       | 8G             | DS | N/A      | PPE08-093TP       |                | 1.2V  | 2133 | 2133 | • | • | • |
| SAMSUNG  | M378A5143EB1-CPB      | 4GB            | SS | SEC 637  | E8GZ250WP         | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| SAMSUNG  | M378A5143EB1-CPB      | 4GB            | SS | SEC 607  | E8K4089YC         | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TED48G2133C15BK       | 8GB            | SS | TEAM     | T4D10248KT-21     | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| ANUCCELL | GRPIF1621033818594    | 8GB            | DS | ANUCCELL | P4P4GF3BLF-GMT    | 16-16-16-35    | 1.2V  | 2133 | 2133 | • | • | • |
| GALAXY   | GAL4AXLBM213315IE081C | 8GB            | SS | GALAXY   | GA4L1GM88BA093H   | 15-15-15-35    | 1.2V  | 2133 | 2133 | • | • | • |
| TIGO     | TMKU8G868-2133P       | 8GB            | SS |          | PP020-093E TP     | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| Xiede    | 1.2V-PC4-17000-1620   | 4GB            | SS | MICON    | 6GA77D9RGQ        | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| Xiede    | 1.2V-PC4-17000-1620   | 8GB            | DS | SK HYNIX | H5AN4G8NMFR       | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| V-COLOR  | TC48G21S815           | 8GB            | SS | V-COLOR  | TMCB134HA3        | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| V-COLOR  | TC48G21S815-IMS       | 8GB            | SS | V-COLOR  | E0510             | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| SAMSUNG  | M378A2K43BB1CPB       | 16G            | DS | SEC510   | K4A8G085WBBCPB    |                | 1.2V  | 2133 | 2133 | • | • | • |
| G.SKILL  | F4-2133C15Q-32GRR     | 8G*4           | SS | N/A      | Heat-Sink Package | 15-15-15-35    | 1.20V | 2133 | 2133 | • | • | • |
| G.SKILL  | F4-2133C15Q2-64GRR    | 8G*8           | SS | N/A      | Heat-Sink Package | 15-15-15-35    | 1.20V | 2133 | 2133 | • | • | • |
| CRUCIAL  | CT16G4DFD8213.C16FAD1 | 16G            | DS | MICON    | 6NA47C9BGD        |                | 1.2V  | 2133 | 2133 | • | • | • |
| CRUCIAL  | CT8G4DFD8213.C16FDR2  | 8G             | DS | MICON    | 6UD75C9BHB        |                | 1.2V  | 2133 | 2133 | • | • | • |
| CRUCIAL  | CT4G4DFS8213.C8FBD2   | 4G             | SS | MICON    | 6SB45C9BHC        |                | 1.2V  | 2133 | 2133 | • | • | • |
| GEIL     | GFY48GB2133C15DC      | 4G             | SS | N/A      | Heat-Sink Package | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| Klevv    | IM48GU88N21-FFFHMB    | 8GB            | SS | N/A      | Heat-Sink Package | 15-15-15       | 1.2V  | 2133 | 2133 | • | • | • |
| Klevv    | IM44GU48N21-FFFHAB    | 4GB            | SS | N/A      | Heat-Sink Package | 15-15-15       | 1.2V  | 2133 | 2133 | • | • | • |
| Klevv    | IM4AGU88N21-FFFHMB    | 16GB           | DS | N/A      | Heat-Sink Package | 15-15-15       | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TED432G2133C15QC01    | 32GB(8GB*4)    | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPRD432G2133HC15QC01  | 32GB(8GB*4)    | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPD432G2133HC15QC01   | 32GB(8GB*4)    | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TED416G2133C15DC01    | 16GB(8GB*2)    | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPRD416G2133HC15DC01  | 16GB(8GB*2)    | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPD416G2133HC15DC01   | 16GB(8GB*2)    | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TED48G2133C1501       | 8GB            | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPRD48G2133HC1501     | 8GB            | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPD48G2133HC1501      | 8GB            | DS | SK Hynix | MFR               | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TED464G2133C15QC01    | 64GB(16GB*4)   | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPRD464G2133HC15QC01  | 64GB(16GB*4)   | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPD464G2133HC15QC01   | 64GB(16GB*4)   | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TED432G2133C15DC01    | 32GB(16GB*2)   | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPRD432G2133HC15DC01  | 32GB(16GB*2)   | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPD432G2133HC15DC01   | 32GB(16GB*2)   | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TED416G2133C1501      | 16GB           | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPRD416G2133HC1501    | 16GB           | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| TEAM     | TPD416G2133HC1501     | 16GB           | DS | Micron   |                   | 15-15-15-36    | 1.2V  | 2133 | 2133 | • | • | • |
| ADATA    | AX4U2400W8G16-DRZ     | 8G             | DS | N/A      | Heat-Sink Package | 16-16-16       | 1.2V  | 2400 | 2133 | • | • | • |
| G.SKILL  | F4-2400C15Q-32GRB     | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| CORSAIR  | CMK32GX4M4A2400C14    | 8G             | DS | N/A      | Heat-Sink Package | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |
| CRUCIAL  | BLS4K4G4D240FSA       | 4G             | SS | N/A      | Heat-Sink Package | 16-16-16-39    | 1.2V  | 2400 | 2400 | • | • | • |
| MUSHKIN  | 997199F               | 8G             | DS | N/A      | Heat-Sink Package | 15-15-15-35-50 | 1.2V  | 2400 | 2133 | • | • | • |
| KINGSTON | HX424C15FBK4/32       | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-35-56 | 1.2V  | 2400 | 2400 | • | • | • |
| APACER   | 78.C1GMA.AF30B        | 8G             | DS | SK HYNIX | H5AN4G8NMFR       | 16-16-16-36    | 1.2V  | 2400 | 2133 | • | • | • |
| PNY      | MD16GK2D4240015AB     | 16GB ( 8GB*2)  | DS | N/A      | Heat-Sink Package |                | 1.2V  | 2400 | 2133 | • | • | • |
| V-COLOR  | TD8G16C16-UHK         | 16GB ( 8GB*2)  | DS | N/A      | Heat-Sink Package | 16-16-16-35    | 1.2V  | 2400 | 2400 | • | • | • |
| G.SKILL  | F4-2400C15D-169GVR    | 16GB ( 8GB*2)  | DS | N/A      | Heat-Sink Package | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| APACER   | AHU08GGB24CDT7G       | 8G             | DS | N/A      | Heat-Sink Package | 16-16-16-36    |       | 2400 | 2133 | • | • | • |
| CORSAIR  | CM4X8GE2400C14K4-CN   | 8G             | DS | N/A      | Heat-Sink Package | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |
| CORSAIR  | CMK8GX4M1A2400C14     | 8G             | DS | N/A      | Heat-Sink Package | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |

|          |                         |                 |    |          |                     |                |       |      |      |   |   |   |
|----------|-------------------------|-----------------|----|----------|---------------------|----------------|-------|------|------|---|---|---|
| PATRIOT  | PV416G240C5QK           | 16GB ( 4GB*4)   | SS | N/A      | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| PATRIOT  | PSD44G240081            | 4G              | SS | PAIROT   | PM512M8D4BU-083     |                |       | 2400 | 2400 | • | • |   |
| APACER   | 78.B1GMA.AF20B          | 4G              | SS | SK HYNIX | H5AN4G8NMFR         | 16-16-16-36    | 1.2V  | 2400 | 2133 | • | • |   |
| G.SKILL  | F4-2400C14Q-128GRK      | 16G             | DS | N/A      | Heat-Sink Package   | 14-14-14-34    | 1.2V  | 2400 | 2133 | • | • |   |
| G.SKILL  | F4-2400C14Q-16GRK       | 4G              | SS | N/A      | Heat-Sink Package   | 14-14-14-34    | 1.2V  | 2400 | 2133 | • | • | • |
| G.SKILL  | F4-2400C15Q-16GRR       | 4G              | SS | N/A      | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ124001608G-4COR   | 8G              | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ124001604G-4COB   | 4G              | SS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • | • |
| KINGSTON | HX424C15FB/8            | 8G              | DS | N/A      | Heat-Sink Package   | 15-15-15-35-56 | 1.2V  | 2400 | 2400 | • | • |   |
| CRUCIAL  | BLS8G4D240FSA.16FADG    | 8G              | DS | N/A      | Heat-Sink Package   | 16-16-16-39    | 1.2V  | 2400 | 2400 | • | • |   |
| KINGSTON | HX424C12PBK4/32         | 8G              | DS | N/A      | Heat-Sink Package   |                | 1.35V | 2400 | 2133 | • | • | • |
| G.SKILL  | F4-2400C15Q-32GRR       | 8G              | DS | N/A      | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| PATRIOT  | PSD48G240002            | 8G              | DS | PAIROT   | 1621JB5454512X8DDR4 |                |       | 2400 | 2400 | • | • | • |
| GALAXY   | GAL4AXLBM2400D16JE081C  | 8G              | SS | GALAXY   | GA4L1GM88BA093H     |                | 1.2V  | 2400 | 2133 | • | • | • |
| GEIL     | DDR48GB2400C16QC        | 8G              | SS | GEIL     | 1GX8DDR4 HL 1612    | 16-16-16-36    | 1.2V  | 2400 | 2133 | • | • |   |
| LEORICE  | DDR4/2400MHZ/CL15/1.2V  | 32GB ( 8GB*4 )  | SS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • | • |
| CORSAIR  | CMD32GX4M4A2400C14      | 8G              | DS | N/A      | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |
| MICRON   | MTA16ATF2G64AZ-2G3B1    | 16G             | DS | MICRON   | 5WB47D9TBH          |                |       | 2400 | 2400 | • | • | • |
| KINGSTON | HX424C12SB2K4/16        | 16GB ( 4GB*4)   | SS | N/A      | Heat-Sink Package   |                | 1.35V | 2400 | 2133 | • | • |   |
| KINGSTON | HX424C12SB2K4/32        | 32GB ( 8GB*4 )  | DS | N/A      | Heat-Sink Package   |                | 1.35V | 2400 | 2133 | • | • | • |
| KINGSTON | HX424C15FBK2/16         | 16GB ( 8GB*2)   | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2400 | • | • | • |
| APACER   | AH08GGB24CDT5H          | 16GB ( 2x 8G )  | DS | N/A      | Heat-Sink Package   | 16-16-16-36    |       | 2400 | 2133 | • | • | • |
| CORSAIR  | CMK8GX4M2A2400C14       | 8GB ( 2x 4G )   | SS | N/A      | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |
| CORSAIR  | CMK16GX4M2A2400C14      | 16GB ( 2x 8G )  | DS | N/A      | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ124001608G-1COB   | 8G              | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ124001608G-2COR   | 16GB (8GB*2)    | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • | • |
| V-COLOR  | 8GTC48G24S817-IMS       | 32GB ( 8GB*4)   | SS | V-COLOR  | N/A                 |                | 1.2V  | 2400 | 2400 | • | • | • |
| CORSAIR  | CMD32GX4M4A2400C12      | 32GB(8GB*4)     | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • | • |
| G.SKILL  | F4-2400C15Q-64GIS       | 64GB(16GB*4)    | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • | • |
| G.SKILL  | F4-2400C15Q-32GNT       | 32GB(8GB*4)     | SS | G.SKILL  | D4 1GM8GE15         |                | 1.2V  | 2400 | 2133 | • | • | • |
| CRUCIAL  | BLS8G4D240FSA.16FARG    | 32GB(8GB*4)     | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2400 | • | • |   |
| GEIL     | GLW416GB2400C15DC       | 8G              | SS | N/A      | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD48G2400HC15ABK     | 8GB             | SS | N/A      | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDRED48G2400HC14BK      | 8GB             | DS | N/A      | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • |   |
| GEIL     | GRP416GB2400C16DC       | 8GB             | SS | N/A      | Heat-Sink Package   | 16-16-16-36    | 1.2V  | 2400 | 2133 | • | • | • |
| ADATA    | AX4U2400W8G16-BRZ       | 8G              | DS | N/A      | Heat-Sink Package   | 16-16-16       | 1.2V  | 2400 | 2133 | • | • | • |
| KINGSTON | HX424C15FB/16           | 16GB            | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2400 | • | • | • |
| CORSAIR  | CMK32GX4M2A2400C14      | 32GB916GB*2)    | DS | N/A      | Heat-Sink Package   | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |
| GALAXY   | GAM4HFL1BM2400D15IE081C | 8G              | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2133 | • | • |   |
| CORSAIR  | CMK32GX4M4A2400C16R     | 32GB(4*8GB)     | SS | N/A      | Heat-Sink Package   | 16-16-16-39    | 1.2V  | 2400 | 2133 | • | • | • |
| CORSAIR  | CMD16GX4M4B2400C10      | 16GB(4*4GB)     | SS | N/A      | Heat-Sink Package   | 10-12-12-28    | 1.35V | 2400 | 2133 | • | • | • |
| MUSHKIN  | 997199T                 | 16GB(2*8GB)     | SS | N/A      | Heat-Sink Package   | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TED416G2400C16BK        | 16G             | DS | TEAM     | T4D10248MT-24       | 16-6-16-39     | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TCD44G2400C14BK         | 4GB             | SS | Skhymix  | H5AN4G8NAFR         | 14-16-16-31    | 1.2V  | 2400 | 2133 | • | • | • |
| APACER   | AU08GGB24CEYBGC         | 8G              | SS | APACER   | AM6F6308MHHSB2      | 17-17-17-39    | 1.2V  | 2400 | 2400 | • | • | • |
| KINGSTON | HX424C12SB2K2/16        | 16G             | DS | N/A      | Heat-Sink Package   |                | 1.35V | 2400 | 2133 | • | • | • |
| KINGSTON | KVR24N17D8/8-SP         | 8G              | DS | N/A      | Heat-Sink Package   |                | 1.2V  | 2400 | 2400 | • | • | • |
| GLOWAY   | PC4-19200               | 8G              | SS | N/A      | M15B302062          | 15-15-15-35    | 1.2V  | 2400 | 2133 | • | • | • |
| ADATA    | AX4U240038G16-BWZ       | 8GB*8           | SS | N/A      | Heat-Sink Package   | 17-16-16-39    | 1.2V  | 2400 | 2133 | • | • | • |
| ADATA    | AX4U2400316G16-SBF      | 16G*16          | DS | N/A      | Heat-Sink Package   | 17-16-16-39    | 1.2V  | 2400 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ124001604G-4COR   | 16GB ( 4x 4GB ) | SS | N/A      | Heat-Sink Package   | 16-16-16-36    | 1.2V  | 2400 | 2133 | • | • | • |
| KINGSTON | TF24D4U7S8MB-8          | 8GB             | SS | MICON    | 6SB77D9TBH          | 17-17-17-39    | 1.2V  | 2400 | 2400 | • | • | • |
| KINGSTON | TF24D4U7S1MBD-2         | 2GB             | SS | MICON    | 6GB77D9TGQ          | 17-17-17-39    | 1.2V  | 2400 | 2400 | • | • | • |
| KINGSTON | TF24D4U7S8MBD-4         | 4GB             | SS | MICON    | 6QB77D9TGG          | 17-17-17-39    | 1.2V  | 2400 | 2400 | • | • |   |

|         |                        |              |    |          |                   |             |      |      |      |   |   |   |
|---------|------------------------|--------------|----|----------|-------------------|-------------|------|------|------|---|---|---|
| RAMAXEL | RMUA5120MB86H9F-2400   | 4GB          | SS | MICON    | 6RB77D9TBK        | 17-17-17-39 | 1.2V | 2400 | 2400 | • | • | • |
| RAMAXEL | RMUA5120MB76H8F-2400   | 2GB          | SS | MICON    | 6GB77D9TGQ        | 17-17-17-39 | 1.2V | 2400 | 2400 | • | • | • |
| V-COLOR | TC48G24S817            | 8GB          | SS | V-COLOR  | TMC9486G2         | 17-17-17-39 | 1.2V | 2400 | 2400 | • | • | • |
| ADATA   | AX4U240038G16-SBF      | 8GB          | SS | N/A      | Heat-Sink Package | 17-17-17-39 | 1.2V | 2400 | 2133 | • | • | • |
| ADATA   | AX4U2400W8G16-DRD      | 8GB          | DS | N/A      | Heat-Sink Package | 17-17-17-39 | 1.2V | 2400 | 2133 | • | • | • |
| ADATA   | AX4U2400316G16-DRD     | 16G          | DS | N/A      | Heat-Sink Package | 17-17-17-39 | 1.2V | 2400 | 2133 | • | • | • |
| G.SKILL | F4-2400C15Q2-64GRK     | 8GB*8        | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TCD48G2400C14BK        | 8G           | SS | TEAM     | T4D10248MT-24     | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| CRUCIAL | BLS16G4D240FSE.16FAD   | 16G          | DS | N/A      | Heat-Sink Package | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| CRUCIAL | BLS4G4D240FSA.8FARG    | 4G           | SS | N/A      | Heat-Sink Package | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| PATRIOT | PV48G240C5             | 8G           | DS | N/A      | Heat-Sink Package |             | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TFWD416G2400C15BBK     | 16G          | DS | TEAM     | PP020-093E TP     | 15-17-17-35 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TFRD48G2400C15ABK      | 8G           | SS | TEAM     | T4D10248HT-24     | 15-15-15-35 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TFRD44G2400C15ABK      | 4G           | SS | TEAM     | T4D5128HT-24      | 15-15-15-35 | 1.2V | 2400 | 2133 | • | • | • |
| Klevv   | IM44GU48N24-FFFHAZ     | 4GB          | SS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400 | • | • | • |
| Klevv   | IM4AGU88N24-FFFHMZ     | 16GB         | DS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400 | • | • | • |
| Klevv   | IM48GU88N24-FFFHMZ     | 8GB          | SS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400 | • | • | • |
| Klevv   | IM4AGU88N24-FFFHMB     | 16GB         | DS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400 | • | • | • |
| Klevv   | IM48GU88N24-FFFHMB     | 8GB          | SS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TED464G2400C16QC01     | 64GB(16GB*4) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TPRD464G2400HC16QC01   | 64GB(16GB*4) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TPD464G2400HC16QC01    | 64GB(16GB*4) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TED432G2400C16DC01     | 32GB(16GB*2) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TPRD432G2400HC16DC01   | 32GB(16GB*2) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TPD432G2400HC16DC01    | 32GB(16GB*2) | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TED416G2400C1601       | 16GB         | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TPRD416G2400HC1601     | 16GB         | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TPD416G2400HC1601      | 16GB         | DS | Micron   |                   | 16-16-16-39 | 1.2V | 2400 | 2400 | • | • | • |
| TEAM    | TLRED416G2400HC14QC01  | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLGD416G2400HC14QC01   | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDRED416G2400HC14QC01  | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TGDGED416G2400HC14QC01 | 16GB(4GB*4)  | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLRED48G2400HC14DC01   | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLGD48G2400HC14DC01    | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDRED48G2400HC14DC01   | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TGDGED48G2400HC14DC01  | 8GB(4GB*2)   | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLRED44G2400HC1401     | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLGD44G2400HC1401      | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDRED44G2400HC1401     | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TGDGED44G2400HC1401    | 4GB          | SS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLRED432G2400HC14QC01  | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLGD432G2400HC14QC01   | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDRED432G2400HC14QC01  | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TGDGED432G2400HC14QC01 | 32GB(8GB*4)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLRED416G2400HC14DC01  | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLGD416G2400HC14DC01   | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDRED416G2400HC14DC01  | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TGDGED416G2400HC14DC01 | 16GB(8GB*2)  | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLRED48G2400HC1401     | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TLGD48G2400HC1401      | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDRED48G2400HC1401     | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TGDGED48G2400HC1401    | 8GB          | DS | SK Hynix | AFR               | 14-16-16-31 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDTRD464G2400HC15BQC01 | 64GB(16GB*4) | DS | Spectek  |                   | 15-17-17-35 | 1.2V | 2400 | 2133 | • | • | • |
| TEAM    | TDTRD464G2400HC15BQC01 | 64GB(16GB*4) | DS | Spectek  |                   | 15-17-17-35 | 1.2V | 2400 | 2133 | • | • | • |

|          |                             |                |    |          |                   |             |       |      |      |   |   |   |
|----------|-----------------------------|----------------|----|----------|-------------------|-------------|-------|------|------|---|---|---|
| TEAM     | TDTBD464G2400HC15BQC01      | 64GB(16GB*4)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD432G2400HC15BDC01      | 32GB(16GB*2)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD432G2400HC15BDC01      | 32GB(16GB*2)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTBD432G2400HC15BDC01      | 32GB(16GB*2)   | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD416G2400HC15B01        | 16GB           | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD416G2400HC15B01        | 16GB           | DS | Spectek  |                   | 15-17-17-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD432G2400HC15AQC01      | 32GB(8GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD432G2400HC15AQC01      | 32GB(8GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD432G2400HC15AQC01      | 32GB(8GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD416G2400HC15ADC01      | 16GB(8GB*2)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD416G2400HC15ADC01      | 16GB(8GB*2)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD416G2400HC15ADC01      | 16GB(8GB*2)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD48G2400HC15A01         | 8GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD48G2400HC15A01         | 8GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD48G2400HC15A01         | 8GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2400 | • | • | • |
| TEAM     | TDTRD416G2400HC15AQC01      | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD416G2400HC15AQC01      | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD48G2400HC15ADC01       | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD48G2400HC15ADC01       | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD48G2400HC15ADC01       | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD44G2400HC15A01         | 4GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD44G2400HC15A01         | 4GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| TEAM     | TDTRD44G2400HC15A01         | 4GB            | SS | SK Hynix | AFR               | 15-15-15-35 | 1.2V  | 2400 | 2133 | • | • | • |
| CORSAIR  | CMK16GX4M4A2666C16          | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMD32GX4M4A2666C15(Ver5.29) | 32GB ( 8GB*4)  | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2133 | • | • | • |
| G.SKILL  | F4-2666C15Q-16GRR           | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2133 | • | • | • |
| PATRIOT  | PX416G266C5QK               | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2133 | • | • | • |
| G.SKILL  | F4-2666C16Q2-64GRB          | 64GB ( 8GB*8 ) | DS | N/A      | Heat-Sink Package | 16-16-16-36 | 1.2V  | 2666 | 2133 | • | • | • |
| MUSHKIN  | 997192F                     | 8GB(4GB*2)     | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2133 | • | • | • |
| KINGSTON | HX426C13PBK4/32             | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.35V | 2666 | 2133 | • | • | • |
| KINGSTON | HX426C15FBK4/32             | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2400 | • | • | • |
| CORSAIR  | CMD128GX4M8A2666C15         | 128GB(16GB*4)  | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2133 | • | • | • |
| CRUCIAL  | BLE4G4D26AFAE.8FAD          | 8G             | SS | N/A      | Heat-Sink Package | 16-16-17-36 | 1.2V  | 2666 | 2400 | • | • | • |
| AVEXIR   | AVD4UZ126661504G-4COB       | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.2V  | 2666 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ126661508G-4COB       | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.2V  | 2666 | 2133 | • | • | • |
| CRUCIAL  | BLT4G4D26AFTA.8FADG         | 4G             | SS | N/A      | Heat-Sink Package | 16-17-17-36 | 1.2V  | 2666 | 2400 | • | • | • |
| CRUCIAL  | BLT8G4D26AFTA.16FAD         | 8G             | DS | N/A      | Heat-Sink Package | 16-17-17-36 | 1.2V  | 2666 | 2400 | • | • | • |
| KLEVV    | IMA41GU6MFR8N-C F0          | 8G             | DS | N/A      | Heat-Sink Package | 15-15-15    | 1.2V  | 2666 | 2133 | • | • | • |
| KINGSTON | HX426C13SB2K4/32            | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.35V | 2666 | 2133 | • | • | • |
| KINGSTON | HX426C13SB2K4/16            | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-36 | 1.35V | 2666 | 2133 | • | • | • |
| PNY      | MD16GK4D4266615AXR          | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ126661504G            | 8G(4G*2)       | DS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2400 | • | • | • |
| CORSAIR  | CMU32GX4M2A2666C16          | 32GB(2*16GB)   | DS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMK32GX4M4A2666C16          | 32GB(8GB*4)    | DS | N/A      |                   | 16-18-18-35 | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMK16GX4M2A2666C16          | 16GB(2*8GB)    | SS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMK32GX4M2A2666C16          | 32GB(2*16GB)   | DS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMK16GX4M4A2666C15          | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMK64GX4M4A2666C16          | 64GB(16GB*4)   | DS | N/A      | Heat-Sink Package | 16-18-18-35 | 1.2V  | 2666 | 2133 | • | • | • |
| G.SKILL  | F4-2666C15Q-32GRR           | 8G*4           | SS | N/A      | Heat-Sink Package | 15-15-15-35 | 1.2V  | 2666 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ126661704G-4COR       | 4G*4           | SS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ126661708G-4COR       | 8G*4           | SS | N/A      | Heat-Sink Package |             | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMK32GX4M4A2666C15          | 32GB(4*8GB)    | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.2V  | 2666 | 2133 | • | • | • |

|          |                         |                |    |          |                   |                |       |      |      |   |   |   |
|----------|-------------------------|----------------|----|----------|-------------------|----------------|-------|------|------|---|---|---|
| TEAM     | TFRD4162666C15BBK       | 16G            | DS | N/A      | SEC546            | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TFWD48G2666C15BBK       | 8G             | DS | N/A      | SEC634            | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TCD44G2666C15BBK        | 4G             | SS | TEAM     | T4D5128HT-266     | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| HyperX   | HX426C15FBK2/16         | 8G             | DS | N/A      | Heat-Sink Package |                | 1.2V  | 2666 | 2400 | • | • | • |
| Klevv    | IM48GU88N26-FFFHMZ      | 8GB            | SS | N/A      | Heat-Sink Package | 15-15-15       | 1.2V  | 2666 | 2400 | • | • | • |
| Klevv    | IM4AGU88N26-FFFHMZ      | 16GB           | DS | N/A      | Heat-Sink Package | 15-15-15       | 1.2V  | 2666 | 2400 | • | • | • |
| Klevv    | IM44GU48N26-FFFHAZ      | 4GB            | SS | N/A      | Heat-Sink Package | 15-15-15       | 1.2V  | 2666 | 2400 | • | • | • |
| TEAM     | TLRED432G2666HC15BQC01  | 32GB(8GB*4)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TLGD432G2666HC15BQC01   | 32GB(8GB*4)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDRED432G2666HC15BQC01  | 32GB(8GB*4)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDGED432G2666HC15BQC01  | 32GB(8GB*4)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | THRD432G2666HC15BQC01   | 32GB(8GB*4)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | THWD432G2666HC15BQC01   | 32GB(8GB*4)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | THBD432G2666HC15BQC01   | 32GB(8GB*4)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TLRED416G2666HC15BDC01  | 16GB(8GB*2)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TLGD416G2666HC15BDC01   | 16GB(8GB*2)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDRED416G2666HC15BDC01  | 16GB(8GB*2)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDGED416G2666HC15BDC01  | 16GB(8GB*2)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | THRD416G2666HC15BDC01   | 16GB(8GB*2)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | THWD416G2666HC15BDC01   | 16GB(8GB*2)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | THBD416G2666HC15BDC01   | 16GB(8GB*2)    | DS | Samsung  | S                 | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TLRED416G2666HC15BQC01  | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TLGD416G2666HC15BQC01   | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDRED416G2666HC15BQC01  | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDGED416G2666HC15BQC01  | 16GB(4GB*4)    | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TLRED48G2666HC15BDC01   | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TLGD48G2666HC15BDC01    | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDRED48G2666HC15BDC01   | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| TEAM     | TDGED48G2666HC15BDC01   | 8GB(4GB*2)     | SS | SK Hynix | AFR               | 15-17-17-35    | 1.2V  | 2666 | 2133 | • | • | • |
| CORSAIR  | CMK16GX4M4A2800C16      | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2133 | • | • | • |
| PATRIOT  | PX416G280C6QK           | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2133 | • | • | • |
| GLOWAY   | PC4-22400               | 4G             | SS | SK HYNIX | H5AN4G8NMFR       | 16-16-16-36    | 1.2V  | 2800 | 2133 | • | • | • |
| PANRAM   | PUD42800C164G4NJW       | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.25V | 2800 | 2133 | • | • | • |
| MUSHKIN  | 994207F                 | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 16-16-16-36    | 1.2V  | 2800 | 2133 | • | • | • |
| KINGSTON | HX428C14PBK4/32         | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 2800 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ128001604G-4COB   | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-36-51 | 1.2V  | 2800 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ128001608G-4COB   | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36-51 | 1.2V  | 2800 | 2133 | • | • | • |
| CORSAIR  | CMK32GX4M4A2800C16      | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2133 | • | • | • |
| KINGSTON | HX428C14SB2K4/32        | 32GB ( 8GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 2800 | 2133 | • | • | • |
| KINGSTON | HX428C14SB2K4/16        | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 2800 | 2133 | • | • | • |
| TEAM     | TDGED48G2800HC16ABK     | 16GB ( 8GB*2)  | SS | N/A      | Heat-Sink Package | 16-16-16-36    | 1.2V  | 2800 | 2133 | • | • | • |
| PATRIOT  | PV416G280C6QK           | 16GB ( 4GB*4)  | SS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2133 | • | • | • |
| ADATA    | Digital Storm           | 8G             | DS | SK HYNIX | HMA54G8NAFR       |                |       | 2800 | 2133 | • | • | • |
| G.SKILL  | F4-2800C16D-16GRR       | 8G*2           | SS | N/A      | Heat-Sink Package |                | 1.2V  | 2800 | 2133 | • | • | • |
| ADATA    | AX4U2800316G16-SBF      | 16GB           | DS | N/A      | Heat-Sink Package | 17-16-16-36    | 1.2V  | 2800 | 2133 | • | • | • |
| CORSAIR  | CMD32GX4M4A2800C16      | 8G             | DS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2133 | • | • | • |
| G.SKILL  | F4-2800C14Q-64GVK       | 16G*4          | DS | N/A      | Heat-Sink Package | 14-14-14-35    | 1.35V | 2800 | 2133 | • | • | • |
| G.SKILL  | F4-2800C16Q-32GVR       | 8G*4           | SS | N/A      | Heat-Sink Package | 16-16-16-36    | 1.20V | 2800 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ128001504G-4BZ1RR | 4G*4           | SS | N/A      | Heat-Sink Package |                | 1.35V | 2800 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ128001508G-4BZ1RR | 8G*4           | DS | N/A      | Heat-Sink Package |                | 1.35V | 2800 | 2133 | • | • | • |
| CORSAIR  | CMD16GX4M4A2800C16      | 16GB(4*4GB)    | SS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.2V  | 2800 | 2133 | • | • | • |
| CORSAIR  | CMD64GX4M8B2800C14      | 64GB(8*8GB)    | DS | N/A      | Heat-Sink Package | 14-16-16-36    | 1.35V | 2800 | 2133 | • | • | • |
| TEAM     | TFWD416G2800C16CBK      | 16G            | DS | TEAM     | T4D10248HT-30     | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TFRD48G2800C16CBK       | 8G             | DS | N/A      | SEC625            | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |

|          |                        |                 |    |          |                   |                |       |      |      |   |   |   |
|----------|------------------------|-----------------|----|----------|-------------------|----------------|-------|------|------|---|---|---|
| TEAM     | TCD44G2800C16CBK       | 4G              | SS | TEAM     | T4D5128HT-30      | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLRED416G2800HC16CQC01 | 16GB(4GB*4)     | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLGD416G2800HC16CQC01  | 16GB(4GB*4)     | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TDRED416G2800HC16CQC01 | 16GB(4GB*4)     | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TGDED416G2800HC16CQC01 | 16GB(4GB*4)     | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLRED48G2800HC16CDC01  | 8GB(4GB*2)      | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLGD48G2800HC16CDC01   | 8GB(4GB*2)      | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TDRED48G2800HC16CDC01  | 8GB(4GB*2)      | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TGDED48G2800HC16CDC01  | 8GB(4GB*2)      | SS | SK Hynix | AFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLRED432G2800HC16CQC01 | 32GB(8GB*4)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLGD432G2800HC16CQC01  | 32GB(8GB*4)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TDRED432G2800HC16CQC01 | 32GB(8GB*4)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TGDED432G2800HC16CQC01 | 32GB(8GB*4)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THRD432G2800HC16CQC01  | 32GB(8GB*4)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THWD432G2800HC16CQC01  | 32GB(8GB*4)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THBD432G2800HC16CQC01  | 32GB(8GB*4)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLRED416G2800HC16CDC01 | 16GB(8GB*2)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TLGD416G2800HC16CDC01  | 16GB(8GB*2)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TDRED416G2800HC16CDC01 | 16GB(8GB*2)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | TGDED416G2800HC16CDC01 | 16GB(8GB*2)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THRD416G2800HC16CDC01  | 16GB(8GB*2)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THWD416G2800HC16CDC01  | 16GB(8GB*2)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THBD416G2800HC16CDC01  | 16GB(8GB*2)     | DS | Samsung  | S                 | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THRD464G2800HC16CQC01  | 64GB(16GB*4)    | DS | SK Hynix | MFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THWD464G2800HC16CQC01  | 64GB(16GB*4)    | DS | SK Hynix | MFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THBD464G2800HC16CQC01  | 64GB(16GB*4)    | DS | SK Hynix | MFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THRD432G2800HC16CDC01  | 32GB(16GB*2)    | DS | SK Hynix | MFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THWD432G2800HC16CDC01  | 32GB(16GB*2)    | DS | SK Hynix | MFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| TEAM     | THBD432G2800HC16CDC01  | 32GB(16GB*2)    | DS | SK Hynix | MFR               | 16-18-18-38    | 1.2V  | 2800 | 2133 | • | • | • |
| CORSAIR  | CMD32GX4M2B3000C15     | 32GB ( 16GB*2 ) | DS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| KINGSTON | HX430C15PB2K4/16       | 16GB ( 4GB*4 )  | SS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2133 | • | • | • |
| PANRAM   | PUD43000C154G4NJW      | 16GB ( 4GB*4 )  | SS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| KINGSTON | HX430C15PBK4/32        | 32GB ( 8GB*4 )  | DS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2133 | • | • | • |
| KINGSTON | HX430C15SB2K4/32       | 32GB ( 8GB*4 )  | DS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ130001604G-4COB  | 16GB ( 4GB*4 )  | SS | N/A      | Heat-Sink Package | 15-15-15-36-51 | 1.35V | 3000 | 2133 | • | • | • |
| AVEXIR   | AVD4UZ130001608G-4COB  | 32GB ( 8GB*4 )  | DS | N/A      | Heat-Sink Package | 15-15-15-36-51 | 1.35V | 3000 | 2133 | • | • | • |
| KINGSTON | HX430C16PBK4/64        | 64GB ( 16GB*4 ) | DS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2133 | • | • | • |
| KINGSTON | HX430C15SBK2/16        | 16GB ( 8GB*2 )  | DS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2133 | • | • | • |
| KLEVV    | IM44GU48A30-GIIHMC     | 16GB ( 4GB*4 )  | SS | N/A      | Heat-Sink Package | 16-18-18       | 1.35V | 3000 | 2133 | • | • | • |
| CORSAIR  | CMK16GX4M2B3000C15     | 16GB (8GB*2)    | DS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| KINGSTON | HX430C15PBK4/16        | 16GB ( 4GB*4 )  | SS | N/A      | Heat-Sink Package | 15-15-15-36-50 | 1.35V | 3000 | 2133 | • | • | • |
| TEAM     | TGDED48G3000HC16ABK    | 16GB ( 8GB*2 )  | DS | N/A      | Heat-Sink Package | 16-16-16-36    | 1.35V | 3000 | 2133 | • | • | • |
| PATRIOT  | PV416G300C6QK          | 16GB ( 4GB*4 )  | SS | N/A      | Heat-Sink Package | 16-16-16-36    | 1.35V | 3000 | 2133 | • | • | • |
| G.SKILL  | F4-3000C15D-32GVR      | 32GB ( 16GB*2 ) | DS | N/A      | Heat-Sink Package | 15-15-15-35    | 1.35V | 3000 | 2133 | • | • | • |
| CORSAIR  | CMK64GX4M4B3000C15     | 64GB ( 16GB*4 ) | DS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| TEAM     | TCD48G300C16ABK        | 8G              | SS | Skhymix  | H5AN8G8NMFR       | 16-16-16-36    | 1.35V | 3000 | 2133 | • | • | • |
| ADATA    | AX4U300038G16-DBZ      | 8G              | DS | N/A      | Heat-Sink Package | 16-18-18-36    | 1.35V | 3000 | 2133 | • | • | • |
| ADATA    | AX4U3000316G16-BGZ     | 16G             | DS | N/A      | Heat-Sink Package | 16-18-18       | 1.35V | 3000 | 2133 | • | • | • |
| CORSAIR  | CMD16GX4M4B3000C15     | 4G              | SS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| CORSAIR  | CMK32GX4M2B3000C15     | 16G             | DS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| CORSAIR  | CMU16GX4M2C3000C15     | 8G              | SS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| CORSAIR  | CMK16GX4M4B3000C15     | 4G              | SS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |
| G.SKILL  | F4-3000C15Q-32GRK      | 8G*4            | DS | N/A      | Heat-Sink Package | 15-15-15-35    | 1.35V | 3000 | 2133 | • | • | • |
| CORSAIR  | CMK8GX4M2B3000C15      | 8GB(2*4GB)      | SS | N/A      | Heat-Sink Package | 15-17-17-35    | 1.35V | 3000 | 2133 | • | • | • |

|         |                        |                |    |          |                   |             |       |      |      |   |   |   |
|---------|------------------------|----------------|----|----------|-------------------|-------------|-------|------|------|---|---|---|
| CORSAIR | CMU32GX4M4AC3000C15    | 32GB(8GB*4)    | DS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.35V | 3000 | 2133 | • | • | • |
| GEIL    | GFR416GB3000C15ADC     | 8G             | SS | N/A      | Heat-Sink Package | 15-17-17-35 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TFRD48G3000C16CBK      | 8G             | DS | N/A      | SEC625            | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • | • |
| TEAM    | TCD44G3000C16CBK       | 4G             | SS | TEAM     | T4D5128HT-30      | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • | • |
| Klevv   | IM4AGU88A30-FGGHMZ     | 16GB           | DS | N/A      | Heat-Sink Package | 15-16-16    | 1.35V | 3000 | 2400 | • | • | • |
| Klevv   | IM48GU88A30-FGGHMZ     | 8GB            | SS | N/A      | Heat-Sink Package | 15-16-16    | 1.35V | 3000 | 2400 | • | • | • |
| Klevv   | IM44GU48A30-FGGHAZ     | 4GB            | SS | N/A      | Heat-Sink Package | 15-16-16    | 1.35V | 3000 | 2400 | • | • | • |
| Klevv   | IM48GU88A30-FGGHMB     | 8GB            | SS | N/A      | Heat-Sink Package | 15-16-16    | 1.35V | 3000 | 2400 | • | • | • |
| Klevv   | IM44GU48A30-FGGHAB     | 4GB            | SS | N/A      | Heat-Sink Package | 15-16-16    | 1.35V | 3000 | 2400 | • | • | • |
| Klevv   | IM4AGU88A30-FGGHMB     | 16GB           | DS | N/A      | Heat-Sink Package | 15-16-16    | 1.35V | 3000 | 2400 | • | • | • |
| TEAM    | TDPGD464G3000HC16CQC01 | 64GB(16GB*4)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THRD464G3000HC16CQC01  | 64GB(16GB*4)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THWD464G3000HC16CQC01  | 64GB(16GB*4)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THBD464G3000HC16CQC01  | 64GB(16GB*4)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTRD464G3000HC16CQC01 | 64GB(16GB*4)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTWD464G3000HC16CQC01 | 64GB(16GB*4)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTBD464G3000HC16CQC01 | 64GB(16GB*4)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDPRD432G3000HC16CDC01 | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDPGD432G3000HC16CDC01 | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THRD432G3000HC16CDC01  | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THWD432G3000HC16CDC01  | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THBD432G3000HC16CDC01  | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTRD432G3000HC16CDC01 | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTWD432G3000HC16CDC01 | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTBD432G3000HC16CDC01 | 32GB(16GB*2)   | DS | SK Hynix | MFR               | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TLRED432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TLGD432G3000HC16CQC01  | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDRED432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TGDED432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDPRD432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDPGD432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THRD432G3000HC16CQC01  | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THWD432G3000HC16CQC01  | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THBD432G3000HC16CQC01  | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTRD432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTWD432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTBD432G3000HC16CQC01 | 32GB(8GB*4)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TLRED416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TLGD416G3000HC16CDC01  | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDRED416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TGDED416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDPRD416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDPGD416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THRD416G3000HC16CDC01  | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THWD416G3000HC16CDC01  | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | THBD416G3000HC16CDC01  | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTRD416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTWD416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| TEAM    | TDTBD416G3000HC16CDC01 | 16GB(8GB*2)    | DS | Samsung  | S                 | 16-18-18-38 | 1.35V | 3000 | 2133 | • | • |   |
| ADATA   | AX4U3333W4G16-QGZ      | 32GB ( 8GB*4 ) | SS | N/A      | Heat-Sink Package | 16-16-16    | 1.35V | 3333 | 2133 | • | • | • |
| HyperX  | HX433C16PB3K2/16       | 16GB(8GB*2)    | SS | N/A      | Heat-Sink Package | 16-18-18-36 | 1.35V | 3333 | 2400 | • | • | • |
| GEIL    | GLWR416GB3400C16AQC    | 16GB ( 4GB*4 ) | SS | N/A      | Heat-Sink Package | 16-18-18-36 | 1.35V | 3400 | 2133 | • | • | • |
| G.SKILL | F4-3400C16Q-16GRBD     | 16GB ( 4GB*4 ) | SS | N/A      | Heat-Sink Package | 16-18-18-38 | 1.35V | 3400 | 2133 | • | • | • |
| G.SKILL | F4-3466C16Q-16GVK      | 16GB ( 4GB*4 ) | SS | N/A      | Heat-Sink Package | 16-18-18-38 | 1.35V | 3466 | 2133 | • | • | • |

|         |                        |                |    |      |                   |             |       |      |      |   |   |   |
|---------|------------------------|----------------|----|------|-------------------|-------------|-------|------|------|---|---|---|
| CORSAIR | CMD16GX4M4B3466C18     | 16GB ( 4GB*4)  | SS | N/A  | Heat-Sink Package | 18-19-19-39 | 1.35V | 3466 | 2133 | • | • | • |
| G.SKILL | F4-3400C16D-16GVK      | 16GB ( 8GB*2 ) | DS | N/A  | Heat-Sink Package | 16-18-18-38 | 1.35V | 3400 | 2133 | • | • | • |
| PATRIOT | PV48G340C6K            | 8GB ( 4GB*2)   | SS | N/A  | Heat-Sink Package |             | 1.35V | 3400 | 2133 | • | • | • |
| CORSAIR | CMU32GX4M4C3400C16R    | 32GB(4*8GB)    | SS | N/A  | Heat-Sink Package | 16-18-18-36 | 1.35V | 3400 | 2133 | • | • | • |
| G.SKILL | F4-3600-C17Q-16GVK     | 16GB ( 4GB*4)  | SS | N/A  | Heat-Sink Package | 17-18-18-38 | 1.35V | 3600 | 2133 | • | • | • |
| GALAXY  | HOF4CALCS3600K17LD162C | 16G(8G*2)      | SS | N/A  | Heat-Sink Package | 17-18-18-38 | 1.35V | 3600 | 2133 | • | • | • |
| CORSAIR | CMK16GX4M2B3600C18     | 16GB(2*8GB)    | SS | N/A  | Heat-Sink Package | 18-19-19-39 | 1.35V | 3600 | 2133 | • | • | • |
| G.SKILL | F4-3300C16Q-16GRKD     | 16GB ( 4GB*4)  | SS | N/A  | Heat-Sink Package | 16-16-16-36 | 1.35V | 3300 | 2133 | • | • | • |
| PANRAM  | PUD43200C164G4NJW      | 16GB ( 4GB*4)  | SS | N/A  | Heat-Sink Package | 16-18-18-39 | 1.35V | 3200 | 2133 | • | • | • |
| MUSHKIN | 997202F                | 8GB ( 4GB*2)   | SS | N/A  | Heat-Sink Package | 15-15-15-36 | 1.2V  | 3200 | 2133 | • | • | • |
| APACER  | 78.BAGMD.AF20B         | 8GB ( 4GB*2)   | SS | N/A  | Heat-Sink Package | 16-16-16-36 | 1.35V | 3200 | 2133 | • | • | • |
| PATRIOT | PV48G320C6K            | 8GB ( 4GB*2)   | SS | N/A  | Heat-Sink Package |             | 1.35V | 3200 | 2133 | • | • | • |
| ADATA   | AX4U3200W8G16-BGZ      |                | DS | N/A  | Heat-Sink Package | 16-16-16    | 1.35V | 3200 | 2133 | • | • | • |
| CORSAIR | CMD8GX4M2B3733C17      | 8GB(2*4GB)     | SS | N/A  | Heat-Sink Package | 17-19-19-39 | 1.35V | 3733 | 2133 | • | • | • |
| CORSAIR | CMD8GX4M2B3600C18      | 8GB(2*4GB)     | SS | N/A  | Heat-Sink Package | 18-19-19-39 | 1.35V | 3600 | 2133 | • | • | • |
| TEAM    | TCD44G3866C18ABK       |                | SS | N/A  | SEC537            | 18-20-20-39 | 1.35V | 3866 | 2133 | • | • | • |
| G.SKILL | F4-4000C19D-8GTZ       | 8GB ( 4GB*2)   | SS | N/A  | Heat-Sink Package | 19-21-21-41 | 1.35V | 4000 | 2133 | • | • | • |
| GEIL    | GWW48GB4133C19DC       | 8GB ( 4GB*2)   | SS | GEIL | CG4L512G88BA093AU | 19-25-25-45 | 1.4V  | 4133 | 2133 | • | • | • |
| CORSAIR | CMK8GX4M2B4000C19R     |                | SS | N/A  | Heat-Sink Package | 19-23-23-45 | 1.35V | 4000 | 2133 | • | • | • |
| G.SKILL | F4-4000C19D-16GTZSW    |                | SS | N/A  | Heat-Sink Package | 19-21-21-41 | 1.35V | 4000 | 2133 | • | • | • |
| G.SKILL | F4-4133C19D-16GTZKW    |                | SS | N/A  | Heat-Sink Package | 19-21-21-41 | 1.35V | 4133 | 2133 | • | • | • |
| G.SKILL | F4-3866C18Q-16GTZ      | 4G             | SS | N/A  | Heat-Sink Package | 18-22-22-42 | 1.35V | 3866 | 2133 | • | • | • |
| TEAM    | TFWD416G3200C16CBK     | 16G            | DS | N/A  | SEC546            | 16-18-18-38 | 1.35V | 3200 | 2133 | • | • | • |
| TEAM    | TFWD48G3200C16CBK      | 8G             | DS | N/A  | SEC613            | 16-18-18-38 | 1.35V | 3200 | 2133 | • | • | • |

#### 4DIMM Slots

- 1 DIMM: Supports one module inserted in any slot as Single-channel memory configuration
  - 2 DIMM: Supports one pair of modules inserted into either the blue slots or the black slots as one pair of Dual-channel memory configuration
  - 4 DIMM: Supports 4 modules inserted into both the blue and black slots as two pairs of Dual-channel memory configuration
- It is recommended to install the memory modules from the slots for better overclocking capability.  
-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module.  
Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.