

X99

DDR4 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)		
								2 DIMM	4 DIMM	8 DIMM
Apacer	78.B1GM7.AF20B	4GB	SS	-	-	16-16-16-36	1.2V	•	•	
Apacer	78.C1GM7.AF30B	8GB	DS	-	-	16-16-16-36	1.2V	•	•	
AVEXIR	AVD4U26661704G-4M	16GB(4GB*4)	SS	SK hynix	H5AN4G8NMFR	17-17-17-43	1.2V	•	•	
AVEXIR	AVD4U26661504G-4CI	16GB(4GB*4)	SS	SK hynix	H5AN4G8NMFR	15-15-15-35	1.2V	•	•	
AVEXIR	AVD4U26661708G-4M	32GB(8GB*4)	DS	SK hynix	H5AN4G8NMFR	17-17-17-43	1.2V	•	•	
AVEXIR	AVD4U26661508G-4CI	32GB(8GB*4)	DS	SK hynix	H5AN4G8NMFR	15-15-15-35	1.2V	•	•	
CORSAIR	CMD16GX4M4A2666C14	16GB(4GB*4)	SS	-	-	14-16-16-35	1.2V	•	•	
CORSAIR	CMD32GX4M4A2666C14	32GB(8GB*4)	DS	-	-	14-16-16-35	1.2V	•	•	
CORSAIR	CMK16GX4M4A2666C15	16GB(4GB*4)	SS	-	-	15-17-17-35	1.2V	•	•	
CORSAIR	CMK32GX4M4A2666C15	32GB(8GB*4)	DS	-	-	15-17-17-35	1.2V	•	•	
CORSAIR	CMK16GX4M4A2666C14R	16GB(4GB*4)	SS	-	-	14-16-16-35	1.2V	•	•	
CORSAIR	CMK32GX4M4A2666C14R	32GB(8GB*4)	DS	-	-	14-16-16-35	1.2V	•	•	
CORSAIR	CMK16GX4M4A2666C16(Ver5.29)	16GB (4x 4GB)	SS	-	-	16-18-18-35	1.2V	•	•	
CORSAIR	CMD16GX4M4A2666C16(Ver5.29)	16GB (4x 4GB)	SS	-	-	16-18-18-35	1.2V	•	•	
CORSAIR	CMK32GX4M4A2666C16(Ver5.29)	32GB(8GB*4)	DS	-	-	16-18-18-35	1.2V	•	•	
CORSAIR	CMD32GX4M4A2666C16(Ver4.23)	32GB(8GB*4)	DS	-	-	16-18-18-35	1.2V	•	•	
CORSAIR	CMK32GX4M4A2666C15(Ver5.29)	32GB(8GB*4)	DS	-	-	15-17-17-35	1.2V	•	•	
CORSAIR	CMK32GX4M4A2666C16R	32GB (4x 8GB)	DS	-	-	16-18-18-35	1.2V	•	•	
CORSAIR	CMK16GX4M4A2666C15(Ver5.29)	16GB(4GB*4)	SS	-	-	15-17-17-35	1.2	•	•	
G.SKILL	F4-2666C14Q-16GRR	16GB(4GB*4)	SS	Hynix	H5AN4GBNMFR-TFC	14-14-14-34	1.2V	•	•	
G.SKILL	F4-2666C14Q-32GRR	32GB(8GB*4)	DS	Hynix	H5AN4GBNMFR-TFC	14-14-14-34	1.2V	•	•	
G.SKILL	F4-2666C15Q-16GRR	16GB(4GB*4)	SS	-	-	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2666C15Q-16GRB	16GB(4GB*4)	SS	-	-	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2666C15Q-16GRK	16GB(4GB*4)	SS	-	-	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2666C15Q-32GRR	32GB(8GB*4)	DS	-	-	15-15-15-35	1.2V	•	•	
G.SKILL	F4-2666C15Q-32GRB	32GB(8GB*4)	DS	-	-	15-15-15-35	1.2V	•	•	•
G.SKILL	F4-2666C15Q-32GRK	32GB(8GB*4)	DS	-	-	15-15-15-35	1.2V	•	•	•
ISDT	IMA41GU6MFR8N-CF0	8GB	DS	-	-	15-15-15-35	1.2V	•	•	
ISDT	IMA451U6MFR8N-CF0	4GB	SS	-	-	15-15-15-35	1.2V	•	•	
Kingston	HX426C13PB2K4/16	16GB(4GB*4)	SS	-	-	13-14-14-39	1.35V	•	•	

8 DIMM Slots

For each DRAM channel (A,B,C,D), make sure to install the DRAM module to dark gray slot first.

- **1 DIMM:** Supports one (1) module inserted into any dark gray slot as Single-channel memory configuration. Install the module into the D1 slot for better compatibility.
- **2 DIMMs:** Supports two (2) modules inserted into one pair of dark gray slots as one pair of Dual-channel memory configuration. Install the modules into slots B1 and D1 for better compatibility.
- **4 DIMMs:** Supports four (4) modules inserted into four dark gray slots as two pairs of Quad-channel memory configuration. Install the modules into slots A1/B1/C1/D1 for better compatibility.
- **6 DIMMs:** Supports six (6) modules inserted into four dark gray slots and one pair of black slots as three pairs of Quad-channel memory configurations. Install the modules into slots A1/B1/B2/C1/D1/D2 for better compatibility.
- **8 DIMMs:** Supports eight (8) modules inserted into all the slots as fully-loaded Quad-channel memory configurations.

- Make sure to install the memory modules from the [dark gray](#) slots first.

- When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

- 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

- Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules.

- DIMM fan design may vary, make sure the fan can fit into the motherboard.