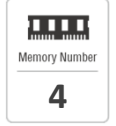
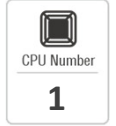
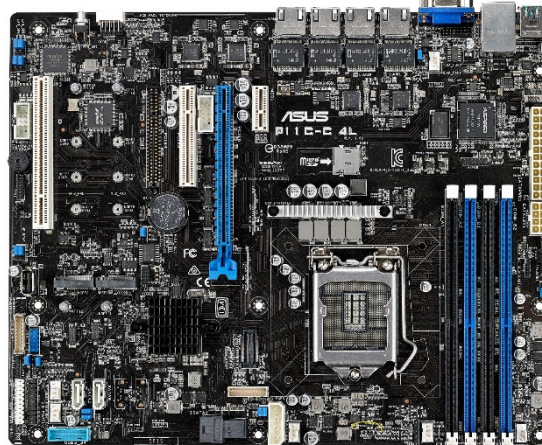


SERIES

ATX form factor with versatile expansions



ASUS P11C-C/4L is an Intel® Mehlow platform ATX server board based on Intel® C242 chipset. With the CPU and memory configured in a front parallel design that enables efficient airflow for excellent thermal performance, P11C-C/4L is optimized for rack placement.

Target market

- Data Center Frond End Server
- Firewall, Gateway server
- SMB general purpose

Versatile expandability with PCI, PCIe and MIO slot support

P11C-C/4L provide versatile expandability with quad Intel® 1210AT server LAN, 6 SATA 3.0, dual M.2 sockets, 2 PCIe Gen3 slots, one legacy PCI slot and one MIO audio slot which suitable for data center frond-end server, firewall, gateway server, storage server, SMB print/file/mail/exchange server etc.

Quad Intel® I210AT Gigabit Ethernet

- Teaming quadruples the network bandwidth
- Failover ensures uninterrupted network connections

Dual M.2 unleash independent and redundant I/O for OS drive

Capacity up to 2TB M.2 is supported for P11C-C/4L, either SATA and PCIe source can be auto by switch. The design with dual M.2 is capable of RAID 0, 1 and bring up better back-up solution for internal OS drive.

Comprehensive IT infrastructure management solution

Optional ASMB9-iKVM and ASUS Control Center (ACC\*)

FEATURE

- Intel Mehlow platform ATX server board
- Single LGA1151 socket
- PCI-E x16 Gen3 supported for graphic card
- Dual M.2 support
- 2 x PCIe + PCI +MIO Expansion Slots
- Rack-optimized Design



P11C-C/4L  
12" x 9.6" (ATX)



P11C-C/4L Rear View

1. 2 x USB 3.1
2. 2 x USB 3.0, 1 x Management LAN
3. 1 x VGA port
4. Quad Intel® server LAN
5. 1 x MIO slot
6. 1 x PCI-E x 16 (Gen3 x16 link)
7. 1 x PCI-E x 8 (Gen3 x8 link)
8. Rear power buttom
9. 1 x PCI 32bit/33 MHz
10. 1 x TPM header
11. 2 x M.2 (NGFF), 22110/2280/2260/2242
12. 4 x DIMM slots
13. Optional ASMB9-iKVM

## SPECIFICATION

|                               |   |   |
|-------------------------------|---|---|
| <b>Processor Support.</b>     |   | 1 x Socket P0 (LGA 1151)<br><br>Intel <sup>®</sup> Xeon <sup>®</sup> processor E-21xxx product family (95W)<br>Intel <sup>®</sup> Core <sup>™</sup> i3 processors<br>Intel <sup>®</sup> Pentium <sup>™</sup> processors<br>Intel <sup>®</sup> Celeron <sup>™</sup> processors                           |
| <b>Core Logic</b>             |   | Intel <sup>®</sup> C242 PCH   |
| <b>Memory</b>                 | <b>Total Slots</b>                      | 4 (2-channel per CPU)   |
|                               | <b>Capacity</b>                         | Maximum up to 64GB  |
|                               | <b>Memory Type</b>                      | DDR4 2666/2400 ECC and non-ECC UDIMM<br>*Refer to ASUS server AVL for the latest update   |
|                               | <b>Memory Size</b>                      | 16GB, 8GB, 4GB (UDIMM)<br>*Refer to ASUS server AVL for the latest update   |
| <b>Expansion Slots</b>        | <b>Total PCI/PCI-X/PCI-E/PIKE Slots</b> | 3   |
|                               | <b>Slot Type</b>                        | 1 x PCI-E x16 (Gen3 x16 link) (Auto switch to x8 Link if x8 link is occupied )<br>1 x PCI-E x8 (Gen3 x8 link)<br>1 x PCI 32bit/33 MHz   |
|                               | <b>Audio</b>                            | 1 x MIO slot  |
| <b>Disk Controller</b>        | <b>SATA Controller</b>                  | Intel <sup>®</sup> C242<br>- 6 x SATA 6Gb/s ports (4 by 1 mini-SAS Connector)<br>- 2 x M.2 connector(NGFF 22110/2280/2260/2242, PCI-E NGFF1 x2 link, NGFF2 x1 link or SATA signal, gray SATA port will disable when M.2 is SATA signal)<br>Intel <sup>®</sup> RSTe (Support software RAID 0, 1, 10 & 5) |
|                               | <b>SAS Controller</b>                   | Optional kits:<br>ASUS PIKE II 3008 8-port SAS HBA card<br>ASUS PIKE II 3108 8-port SAS HW RAID card<br>12G SAS Support   |
| <b>Networking</b>             | <b>LAN</b>                              | 1 x Quad Port Intel I210 Gigabit LAN Controller, 1 x Management Port  |
| <b>Graphic</b>                | <b>VGA</b>                              | Aspeed AST2500 32MB   |
| <b>Onboard I/O connectors</b> | <b>TPM header</b>                       | 1   |
|                               | <b>PSU connector</b>                    | 24-pin ATX power connector + 8-pin ATX 12V power connector  |
|                               | <b>Management Header</b>                | Onboard header for optional management card   |
|                               | <b>USB Connector/Header</b>             | 1 * USB 3.0 pin header (up to 2 devices)<br>1 * USB 2.0 pin header (up to 2 devices)<br>1 * USB 2.0 connector (Type A USB socket)   |
|                               | <b>Fan Header</b>                       | 6* 4pin   |
|                               | <b>SMBus</b>                            | 1   |
|                               | <b>Chassis Intruder</b>                 | 1   |
|                               | <b>Serial Port Header</b>               | 2   |
|                               | <b>Device Power Connector</b>           | 4-pin power connector   |
|                               | <b>VGA Header</b>                       | 1   |
| <b>Rear I/O Ports</b>         |   | 2 x USB 3.0 ports, 2 x USB 3.1 ports, 1 x VGA port, 4 x RJ-45 GbE LAN ports, 1 x RJ-45 Mgmt LAN port  |
| <b>Switch/LED</b>             |   | Rear Switch/LED:<br>1 x Q-Code/Port 80 LED, 1 x Power switch  |
| <b>OS Support</b>             |   | Windows <sup>®</sup> Server 2016, Windows 10 64bits RS4<br>RedHat <sup>®</sup> Enterprise Linux, SuSE <sup>®</sup> Linux Enterprise Server<br>CentOS, Ubuntu, Vmware, Citrix XenServer<br>Please find the latest OS support from <a href="http://www.asus.com/">http://www.asus.com/</a>                |
| <b>Management Solution</b>    | <b>Software</b>                         | ASUS Control Center (Classic)   |
|                               | <b>Out of Band Remote Management</b>    | Optional ASMB9-iKVM for KVM-over-IP   |
| <b>Dimension</b>              |   | 12" x 9.6" (ATX)  |
| <b>Environment</b>            |   | Operation temperature: 10°C ~ 35°C<br>Non operation temperature: -40°C ~ 70°C<br>Non operation humidity: 20% ~ 90% ( Non condensing )   |