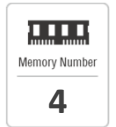
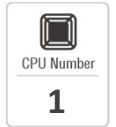
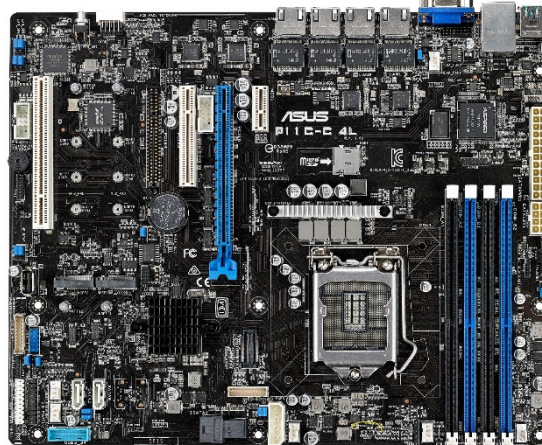


SERIES

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

| | | |
|-------------------------------|---|---|
| Processor Support | | 1 x Socket P0 (LGA 1151) Intel® Xeon® processor E-21xxx/E-22xxx product family (95W) Intel® Core™ i3 processors Intel® Pentium™ processors Intel® Celeron™ processors |
| Core Logic | | Intel® C242 PCH |
| Memory | Total Slots | 4 (2-channel per CPU) |
| | Capacity | Maximum up to 128GB |
| | Memory Type | DDR4 2666/2400 ECC and non-ECC UDIMM *Refer to ASUS server AVL for the latest update |
| | Memory Size | 32GB, 16GB, 8GB, 4GB (UDIMM) *Refer to ASUS server AVL for the latest update |
| Expansion Slots | Total PCI/PCI-X/PCI-E/PIKE Slots | 3 |
| | Slot Type | 1 x PCI-E x16 (Gen3 x16 link) (Auto switch to x8 Link if x8 link is occupied) 1 x PCI-E x8 (Gen3 x8 link) 1 x PCI 32bit/33 MHz |
| | Audio | 1 x MIO slot |
| Disk Controller | SATA Controller | Intel® C242 - 6 x SATA 6Gb/s ports (4 by 1 mini-SAS Connector) - 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) Intel® RSTe (Support software RAID 0, 1, 10 & 5) |
| | SAS Controller | Optional kits: ASUS PIKE II 3008 8-port SAS HBA card ASUS PIKE II 3108 8-port SAS HW RAID card 12G SAS Support |
| Networking | LAN | 1 x Quad Port Intel I210 Gigabit LAN Controller, 1 x Management Port |
| Graphic | VGA | Aspeed AST2500 32MB |
| Onboard I/O connectors | TPM header | 1 |
| | PSU connector | 24-pin ATX power connector + 8-pin ATX 12V power connector |
| | Management Header | Onboard header for optional management card |
| | USB Connector/Header | 1 * USB 3.0 pin header (up to 2 devices) 1 * USB 2.0 pin header (up to 2 devices) 1 * USB 2.0 connector (Type A USB socket) |
| | Fan Header | 6* 4pin |
| | SMBus | 1 |
| | Chassis Intruder | 1 |
| | Serial Port Header | 2 |
| | Device Power Connector | 4-pin power connector |
| | VGA Header | 1 |
| Rear I/O Ports | | 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 |
| Switch/LED | | Rear Switch/LED: 1 x Q-Code/Port 80 LED, 1 x Power switch |
| OS Support | | Please find the latest OS support from https://www.asus.com/event/Server/OS_support_list/OS.html |
| Management Solution | Software | ASUS Control Center (Classic) |
| | Out of Band Remote Management | Optional ASMB9-iKVM for KVM-over-IP |
| Dimension | | 12" x 9.6" (ATX) |
| Environment | | Operation temperature: 10°C ~ 35°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing) |