

P11C-X;P11C-X/AUDIO

Exclusive ATX Combat Model



ASUS P11C-X Series is a cost-effective C242 Serverboard based on the Intel® Xeon® E platform offering dual Intel® Ethernet and flexible expandability with dual M.2, six native SATA 6G, two PCIe, and two PCI slot for legacy devices. The layout is rack-optimized placement where the CPU and memory are placed in a parallel arrangement directly behind the fan inlet to promote maximum cooling for excellent thermal efficiency.

FEATURE

- Intel Mehlow platform ATX server board
- Single LGA1151 socket
- PCI-E x16 Gen3 supported for graphic card
- Dual M.2 support
- Onboard audio for WS application (P11C-X/AUDIO only)
- Rack-optimized Design

Independent OS Space

Dual M.2 (NGFF) is capable of internal and independent OS drives with RAID 0/1 (by SATA mode)

Built-in Dual Intel® Gigabit LAN

Multi-network connection made easy and convenient

Improve productivity with ASUS Control Center (ACC)

ASUS Control Center offers comprehensive server management with intuitive GUI

Target market

- SMB Web/Print/File/Mail Server
- Entry Workstation
- Entry Storage Applications

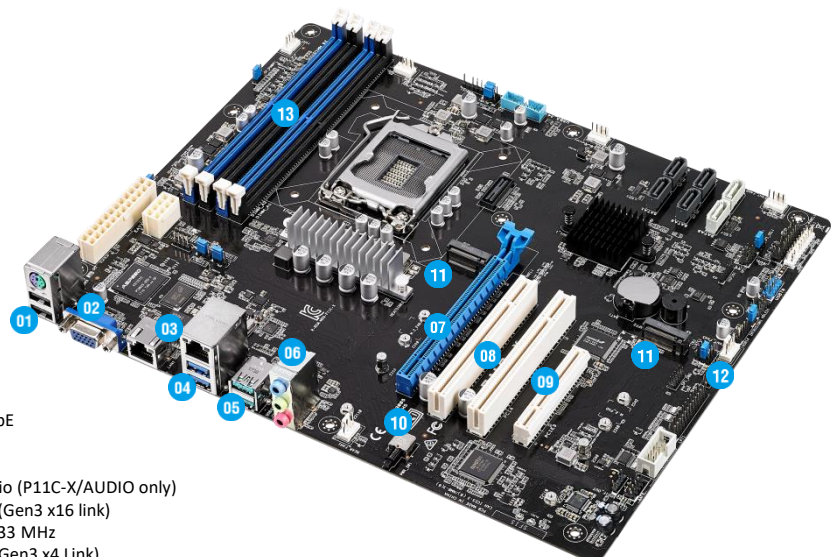
ATX Combat Model (C242)

- Multiple PCI-E + Legacy PCI Support
- The latest 10Gb/s USB 3.1 onboard for high transfer speed
- Built-in rear power button for engineer easily design

P11C-X



P11C-X/AUDIO



1. 2 x USB 2.0
2. 1 x VGA port
3. Dual Intel® GbE
4. 2 x USB 3.0
5. 2 x USB 3.1
6. Onboard Audio (P11C-X/AUDIO only)
7. 1 x PCI-E x16 (Gen3 x16 link)
8. 2 x PCI 32bit/33 MHz
9. 1 x PCI-E x 8 (Gen3 x4 Link)
10. Rear power button
11. 2 x M.2 (NGFF), 22110/2280/2260/2242
12. 1 x TPM header
13. 4 x DIMM slots

P11C-X;P11C-X/AUDID

SPECIFICATION

Processor Support		1 x Socket P0 (LGA 1151) Intel® Xeon® Processor E-21xx/E-22xx product family (up to 95W) Intel® 8th/9th Generation Core™ i3 processors Intel® Pentium™ processors Intel® Celeron™ processors *Refer to support page for more information
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
	Memory Size	32GB,16GB, 8GB, 4GB (UDIMM) *Refer to ASUS server AVL for the latest update
Expansion Slots	Total PCI/PCI-E Slots	4
	Slot Type	1 x PCI-E x 16 (Gen3 x16 Link) 1 x PCI-E x 8 (Gen3 x4 Link) 2 x PCI
	Audio	Realtek® ALC887-VD2 8-Channel High Definition Audio CODEC (P11C-X/AUDIO only)
Disk Controller	SATA Controller	Intel® C242 - 6 x SATA 6Gb/s ports with 2 x M.2 (NGFF 22110/2280/2260/2242, gray SATA port will disable when M.2 is SATA signal)* Intel® RSTe (Windows & Linux) (Support software RAID 0, 1, 10 & 5) * One supports both SATA 6Gb/s & PCI-E Gen3 x2 link, the other is SATA 6Gb/s only.
	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 Intel® I210-AT Gigabit LAN + 1 x Intel® I219-LM Gigabit LAN
Graphic	VGA	Aspeed AST2510 64MB
Onboard I/O connectors	TPM header	1
	PSU connector	24-pin ATX power connector + 8-pin ATX 12V power connector
	USB Connector/Header	1 x USB 3.0 pin header (up to 2 devices) 2 x USB 2.0 pin header (up to 3 devices)
	Fan Header	6 x 4pin
	Chassis Intruder	1
	Serial Port Header	1
Rear I/O Ports		1 x PS/2 Keyboard/ Mouse Port 2 x USB 3.1 + 2 x USB 3.0 + 2 x USB 2.0 1 x VGA Port (onboard Aspeed AST2510) 2 x LAN Ports 3 x Audio Jacks (Realtek® ALC887-VD2 8-Channel High Definition Audio CODEC) (P11C-X/AUDIO only)
Switch		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	Software	ASUS Control Center
Security		Optional TPM 2.0 module
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)