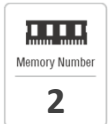
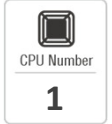
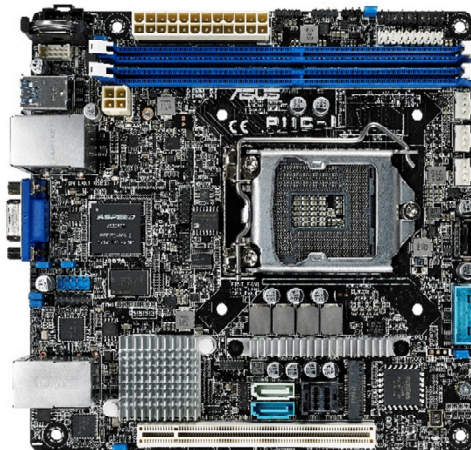


SERIES

Best Storage and High Density Computing Candidate



ASUS P11C-I is an Intel® Mehlow platform Mini-ITX 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-I is optimized for rack placement.

Target market

- Small form factor servers
- Front-end web server (web hosting), appliance

Rack-Optimized Mini-ITX compact form factor increases density

As a slim size serverboard, the 6.7" x 6.7" Mini ITX form factor of P10C-I fits for various small form factor appliance servers. P10C-I can be easily integrated in short depth chassis, thus P10C-I no doubt increases the density in a rack cabinet to provide higher computing power per rack than before.

Fruitful Storage I/O Expandability

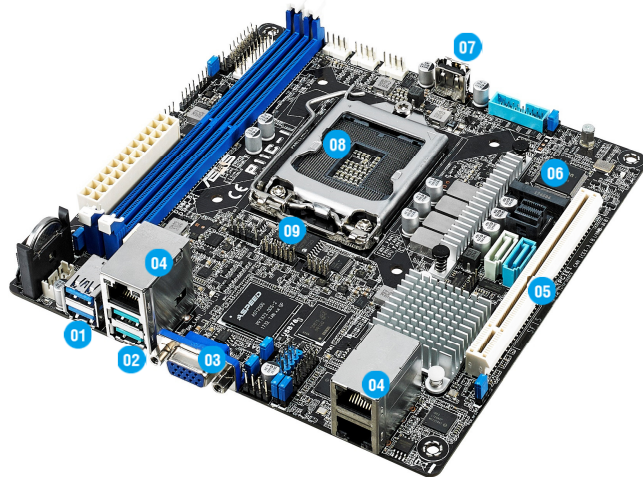
- Native 6 SATA 6G onboard
- M.2 (NGFF, Gen3 x2) for independent OS drive
- PCI-E x16 Link enable extreme flexibility

M.2 unleash independent I/O for OS drive

Special edge design capable to increase from 2242 to 22110. With x2 PCI Express 3.0 bandwidth, one M.2 supports up to 32Gbit/s data-transfer speeds. It is the perfect choice for an operating system or application drive.

Comprehensive IT infrastructure management solution

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



FEATURE

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

1. 2 x USB 3.1
2. 2 x USB 3.0
3. 1 x VGA port
4. Dual Intel® server LAN , 1 x Management LAN
5. 1 x PCI-E x 16 (Gen3 x16 link)
6. 1 x M.2 (NGFF), 2242
7. 1 x Vertical USB 2.0 port
8. Intel LGA1151 CPU socket
9. Optional ASMB9-iKVM

P11C-I
6.7" x 6.7" (ATX)



P11C-I Rear View

SPECIFICATION

Processor Support.		1 x Socket P0 (LGA 1151) Intel® Xeon® processor E-21xxx product family (95W) Intel® Core™ i3 processors Intel® Pentium™ processors Intel® Celeron™ processors
Core Logic		Intel® C242 PCH
Memory	Total Slots	2 (2-channel per CPU)
	Capacity	Maximum up to 32GB
	Memory Type	DDR4 2666/2400 ECC and non-ECC UDIMM *Refer to ASUS server AVL for the latest update
	Memory Size	16GB, 8GB, 4GB (UDIMM) *Refer to ASUS server AVL for the latest update
Expansion Slots	Total PCI/PCI-X/PCI-E/PIKE Slots	1
	Slot Type	1 x PCI-E x16 (Gen3 x16 link)
	Audio	-
Disk Controller	SATA Controller	Intel® C242 - 6 x SATA 6Gb/s ports (4 by 1 mini-SAS Connector) - 1 x M.2 connector (NGFF 2242, PCI-E Gen3 x2 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 Dual 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 + 4-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	3* 4pin
	SMBus	1
	Chassis Intruder	1
	Serial Port Header	1
Device 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, 2 x RJ-45 GbE LAN ports, 1 x RJ-45 Mgmt LAN port
Switch/LED		-
OS Support		Windows® Server 2016, Windows 10 64bits RS4 RedHat® Enterprise Linux, SuSE® Linux Enterprise Server CentOS, Ubuntu, Vmware, Citrix XenServer Please find the latest OS support from http://www.asus.com/
Management Solution	Software	ASUS Control Center (Classic)
	Out of Band Remote Management	Optional ASMB9-iKVM for KVM-over-IP
Dimension		6.7" x 6.7" (Mini-ITX)
Environment		Operation temperature: 10°C ~ 35°C
		Non operation temperature: -40°C ~ 70°C
		Non operation humidity: 20% ~ 90% (Non condensing)