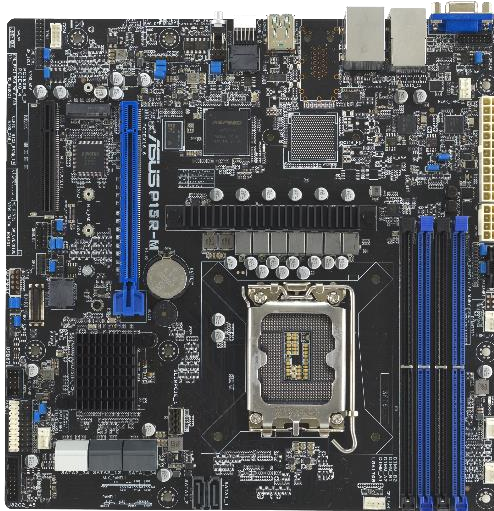


# P13R-M

## Micro ATX form factor with versatile expansions



ASUS P13R-M is an Intel® Catlow platform Micro ATX rack server based on Intel® C262 chipset. With the CPU and memory configured in a front parallel design that enables efficient airflow for excellent thermal performance, P13R-M is optimized for rack placement.

### FEATURE

- Intel Catlow platform Micro ATX server board
- Single LGA1700 socket
- PCI-E x16 Gen5 supported for graphic card
- 2 x GbE LAN on board support
- 1 x M.2 support
- 2 x PCIe Gen5 Expansion Slots
- Rack-optimized Design

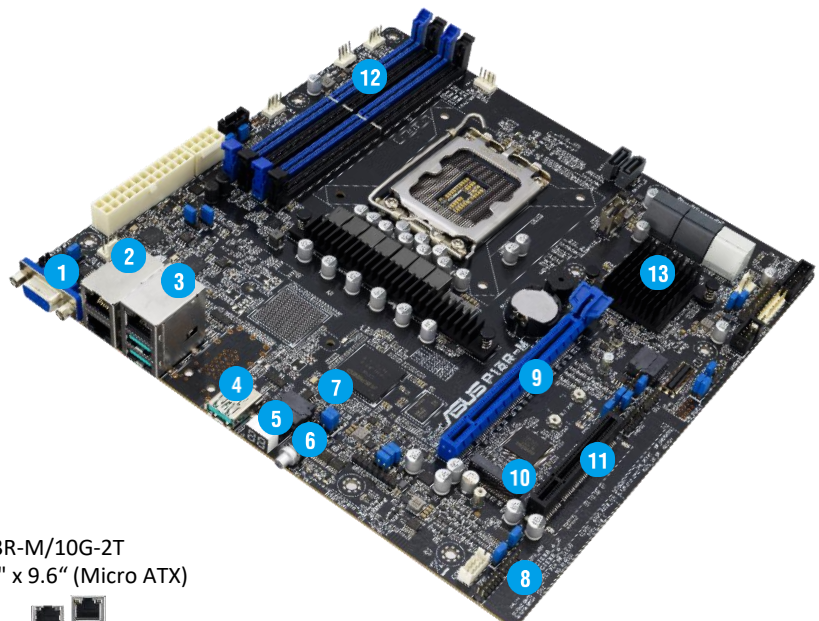
### Micro ATX compact with Highest Power Efficiency

P13R-M provide dual server-class Intel® Ethernet , native 8 SATA 6G, 2 x PCI Express 5.0 slots to provide advanced I/O design. The 9.6" x 9.6" micro ATX form factor can be easily integrated in short-depth chassis to greatly increase rack compute density.

### Optional PIKE II 3x08 Series SAS 12Gb/s solution

ASUS PIKE II 3x08 series is the 12Gb/s SAS and PCI-E 3.0 high reliability enterprise storage solution. It meets users' needs with support 12Gb/s SAS storage and various RAID levels data protection. Just placing the PIKE II card, P13 Series can immediately enlarge the capacity and improve the performance, making it the great upgrade option.

1. 1 x VGA port
2. 2 x Intel® I210-AT
3. 2 x USB 3.2 Gen2, 1 x Management LAN
4. 1 x USB 3.2 Gen2
5. 1 x Q-Code/Port 80 LED
6. Rear power bottom
7. Onboard ASMB11-iKVM
8. 1 x TPM header
9. 1 x PCI-E x 16 (Gen5 x 16 link)
10. 1 x M.2 /2280/2260/2242
11. 1 x PCI-E x 8 (Gen4x 4 link)
12. 4 x DIMM slots
13. Intel® C262 Chipset



P13R-M/10G-2T  
9.6" x 9.6" (Micro ATX)



P13R-M/10G-2T Rear View

# P13R-M

# SPECIFICATION

<b>Processor Support.</b>		1 x Socket V (LGA 1700) Intel® Xeon® E processors (95W) Intel® Pentium™ processors
<b>Core Logic</b>		Intel® C262 PCH
<b>Memory</b>	<b>Total Slots</b>	4 (2-channel per CPU)
	<b>Capacity</b>	Maximum up to 128GB
	<b>Memory Type</b>	DDR5 4400 ECC UDIMM *Refer to ASUS server AVL for the latest update
	<b>Memory Size</b>	32GB, 16GB, 8GB (UDIMM) *Refer to ASUS server AVL for the latest update
<b>Expansion Slots</b>	<b>Total PCI/PCI-X/PCI-E/PIKE Slots</b>	2
	<b>Slot Type</b>	1 x PCI-E x16 (Gen5 x16 link) 1 x PCI-E x8 (Gen5 x4 link)
<b>Disk Controller</b>	<b>SATA Controller</b>	Intel® C262 8 x SATA 6Gb/s ports 1 x M.2 connector (NGFF 2280/2260/2242) Intel® VROC (Windows & Linux) (Support software RAID 0, 1, 10 & 5)
	<b>SAS Controller</b>	Optional kits: ASUS PIKE II 3008 8-port SAS HBA card ASUS PIKE II 3108 8-port SAS HW RAID card 12G SAS Support
<b>Networking</b>	<b>LAN</b>	2 x Intel® I210-AT + 1 x Mgmt LAN
<b>Graphic</b>	<b>VGA</b>	Aspeed AST2600 64MB
<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>	3 x USB3.2 Gen2 (rear) 1 x USB3.2 Gen1(header, 2 ports) 1 x USB2.0 (header, 2 ports)
	<b>Fan Header</b>	6 x 4pin
	<b>SMBus</b>	1
	<b>Chassis Intruder</b>	1
	<b>Serial Port Header</b>	1
	<b>Device Power Connector</b>	-
	<b>VGA Header</b>	1
	<b>M.2 Connector</b>	1
<b>Rear I/O Ports</b>		1 x VGA port, 2 x USB3.2+1 x RJ45 Mgmt LAN port, 2 x GbE LAN port, 1 x USB 3.2 Gen2
<b>Switch/LED</b>		Rear Switch/LED: 1 x Q-Code/Port 80 LED, 1 x Power switch
<b>OS Support</b>		Please find the latest OS support from <a href="https://www.asus.com/event/Server/OS_support_list/OS.html">https://www.asus.com/event/Server/OS_support_list/OS.html</a>
<b>Management Solution</b>	<b>Software</b>	ASUS Control Center (Classic)
	<b>Out of Band Remote Management</b>	Onboard ASMB11-iKVM for KVM-over-IP
<b>Dimension</b>		9.6" x 9.6" (Micro ATX)
<b>Environment</b>		Operation temperature: 10°C ~ 50°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% ( Non condensing)