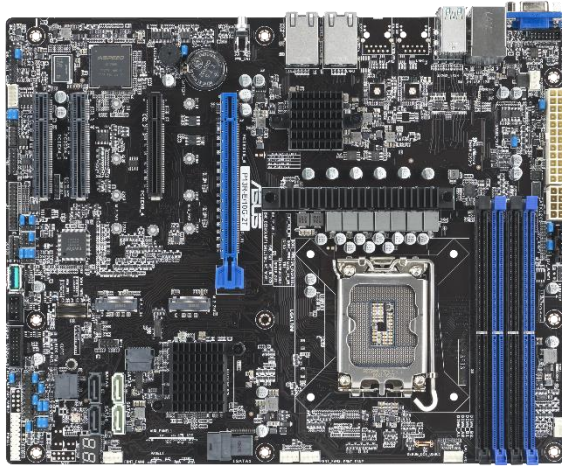


# P13R-E/10G-2T

## ATX form factor with versatile expansions



ASUS P13R-E/10G-2T is an Intel® Xeon® E-2400 LGA 1700 ATX server motherboard with four DDR5 ECC UDIMM slots, two M.2 slots, dual 10 Gb LAN ports, eight SATA ports, two PCIe® 5.0 slots and two PCIe® 4.0 slots, four USB 10Gbps ports, two USB 2.0 ports and an onboard ASUS ASMB11-iKVM management module.

### Target market

- Data Center Frond End Server
- SMB general purpose

### Dual Intel® LAN

- Teaming quadruples the network bandwidth
- Failover ensures uninterrupted network connections
- Gigabit Ethernet or 10GbE by SKU

### Comprehensive IT infrastructure management solution

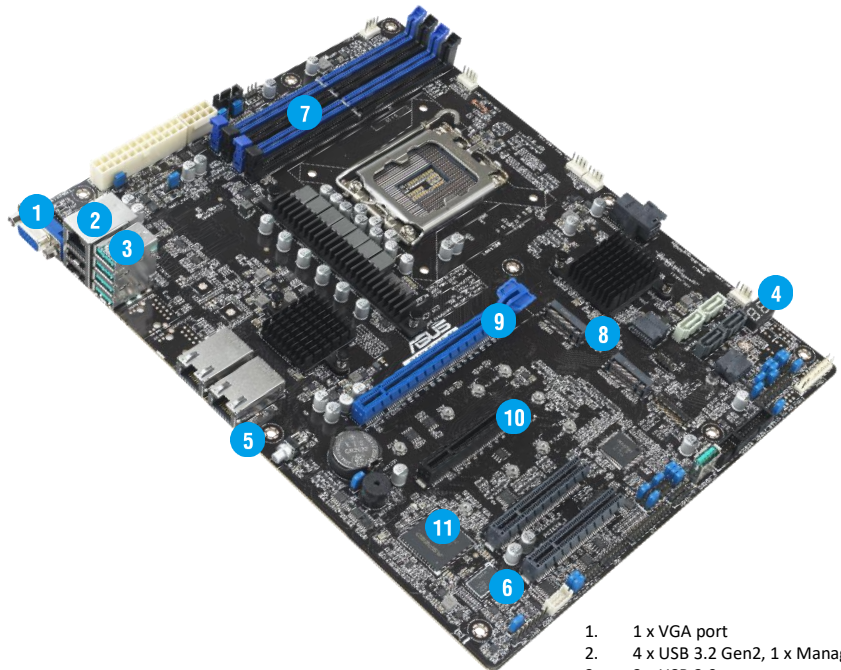
- Onboard ASUS ASMB11-iKVM management module
- ASUS Control Center (ACC Classic)

### Feature

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

### ATX compact with Highest Power Efficiency

P13R-E provide dual server-class Intel® Ethernet , native 8 SATA 6G, 2 x PCI Express 5.0 slots to provide advanced I/O design. The 12" x 9.6" ATX form factor can be easily integrated in short-depth chassis to greatly increase rack compute density.



1. 1 x VGA port
2. 4 x USB 3.2 Gen2, 1 x Management LAN
3. 2 x USB 2.0
4. 1 x Q-Code/Port 80 LED
5. Rear power bottom
6. Onboard ASMB11-iKVM
7. 1 x PCI-E x 16 (Gen5 x 16 link)
8. 2 x M.2 /22110
9. 1 x PCI-E x 8 (Gen4x 4 link)
10. 4 x DIMM slots
11. Intel® C262 Chipset

P13R-E  
12" x 9.6" (ATX)



P13R-E Rear View

# P13R-E/10G-2T

# SPECIFICATION

<b>Processor Support.</b>		1 x Socket V (LGA 1700) Intel® Xeon® E processors (95W) Intel® Pentium™ processors
<b>Core Logic</b>		Intel® C266 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>	128GB
<b>Expansion Slots</b>	<b>Total PCI/PCI-X/PCI-E/PIKE Slots</b>	4
	<b>Slot Type</b>	1 x PCI-E x8 (Gen4 X4 Link) 1 x PCI-E x8 (Gen4 X4 Link) 1 x PCI-E x8 (Gen5 X8 Link) 1 x PCI-E x16 (Gen5 X16 Link), Auto switch to x8 link if slot 4 is occupied
<b>Disk Controller</b>	<b>SATA Controller</b>	Intel® C266 8 x SATA 6Gb/s ports 1 x M.2 connector (NGFF 22110)
<b>Networking</b>	<b>LAN</b>	1 x Dual Port Intel X710-AT2 + 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>	-
	<b>USB Connector/Header</b>	4 x USB 3.2 Gen2 (rear) 2 x USB 2.0 (rear)
	<b>Fan Header</b>	6 x 4pin
	<b>SMBus</b>	1
	<b>Chassis Intruder</b>	1
	<b>Serial Port Header</b>	-
	<b>Device Power Connector</b>	-
	<b>VGA Header</b>	1
	<b>M.2 Connector</b>	2
	<b>Rear I/O Ports</b>	1 x VGA port, 4 x USB3.2+1 x Mgmt LAN port, 2 x 10 GbE LAN port, 2 x USB 2.0
<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>	12" x 9.6" (ATX)	
<b>Environment</b>	Operation temperature: 10°C ~ 50°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% ( Non condensing)	