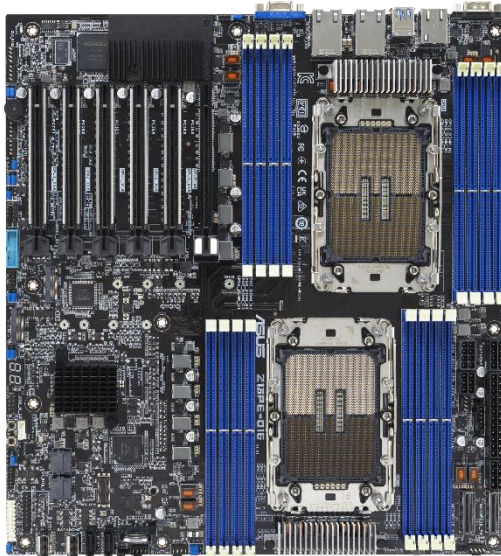


Z13PE-D16

E-ATX form factor with versatile expansions



E-ATX



2



16

ASUS Z13PE-D16 Series is an Intel Eagle Stream Platform. Support dual processor with 16 DIMM slots, as well as various storage I/O and connectors. Z13PE-D16 is optimized for general purpose & highest C/P ratio.

FEATURE

- Intel Eagle Stream platform E-ATX server board
- Dual LGA 4677 sockets
- 16 x DIMM slots
- 2 x M.2 support
- 6 x PCIe Gen5 slots

4th Gen Intel Xeon Scalable processors

The latest Intel Xeon scalable processors offer up to 5x more cores per CPU and 1.52x computing performance increase. ASUS Z13PE-D16 supports dual Intel Scalable processors to enable DDR5 DIMM slots and PCIe Gen 5.0

PCIe 5.0 Ready

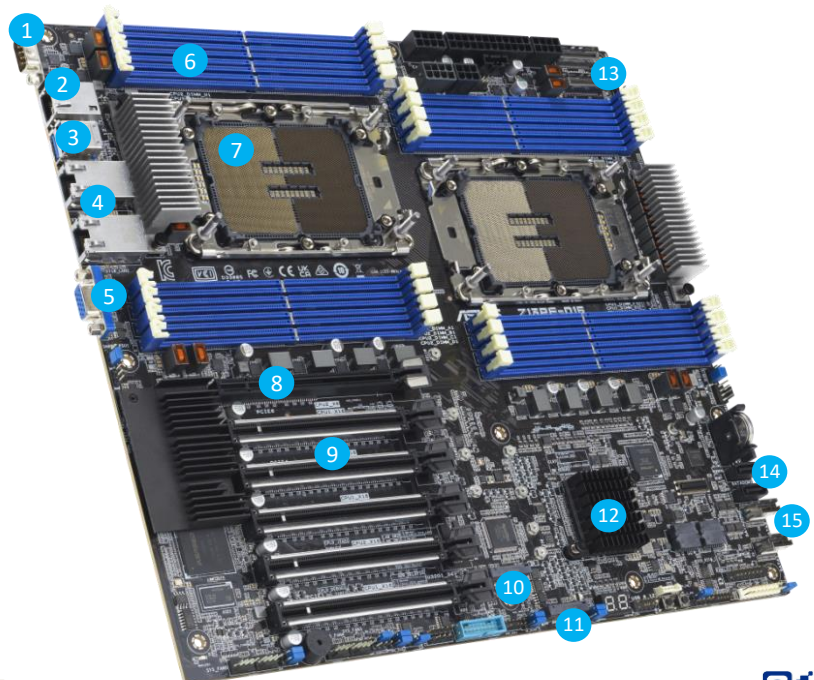
PCI Express® (PCIe®) 5.0 delivers 32 GT/s bandwidth, which is double the speed of PCIe 4.0, offering lower power consumption, better lane scalability and backwards compatibility

High Expandability

High expandability with MCIO, M.2, Slimline SAS and SATADOM connector for storage use, which provide the flexibility for the customers.

Target market

- Data Analytics
- HPC
- Cloud Computing



1. 1 x COM port
2. 1 x Mgmt LAN port
3. 2 x USB3.2 Gen1
4. 2 x 10GbE LAN ports
5. 1 x VGA port
6. 16 x DIMM slots
7. 2 x Intel® LGA4677 sockets
8. 1 x PCIe Gen5x16 slot (x8 link)
9. 5 x PCIe Gen5x16 slots (x16 link)
10. 1 x M.2 2280/22110
11. 1 x M.2 2280
12. Intel® C741 Chipset
13. 2 x MCIO connectors
14. 2 x SATA connectors
15. 2 x Slimline SAS connectors

Z13PE-D16 Rear View



12"x13" (E-ATX)



Z13PE-D16

SPECIFICATION

Processor Support		Dual Socket 4th Gen Intel® Xeon® Scalable Processors	
Core Logic		Intel® C741 Chipset	
Memory	Total Slots	16 (8-channel per CPU)	
	Capacity	Maximum up to 4,096GB	
	Memory Type	DDR5 4800/4400 RDIMM/3DS RDIMM	
	Memory Size	16GB, 32GB, 64GB (RDIMM) 128GB, 256GB (RDIMM-3DS) *Refer to ASUS server AVL for the latest update	
Expansion Slots	Total PCI/PCI-X/PCI-E/PIKE Slots	6	
	Slot Type	5 x PCIe x16 slots (Gen5 x16 link) 1 x PCIe x16 slots (Gen5 x8 link)	
Disk Controller	SATA Controller	Intel® C741 PCH 10 x SATA 6Gb/s ports (8 by 2 Slimline SAS Connector)	
	LAN	2 x 10Gigabit LAN ports (Intel X710-AT2) 1 x Mgmt port	
Networking	VGA	Aspeed AST2600 64MB	
Onboard I/O connectors	TPM header	1	
	PSU connector	24-pin SSI power connector + 2 x 8-pin SSI 12V power connectors	
	Management Header	Onboard ASMB11-iKVM	
	USB Connector/Header		2 x USB3.2 Gen1 (rear)
			1 x USB3.2 Gen1(header, 2 ports)
			1 x USB2.0 (header, 2 ports)
	Fan Header	8 x 4pin	
	SMBus	1	
	Chassis Intruder	1	
	M.2	2	
	Storage		2 x M.2 connectors
		2 x SATA connectors	
		2 x Slimline SAS connectors	
Rear I/O Ports		2 x USB 3.2 Gen2, 1 x VGA port, 1 x COM port, 2 x 10GbE LAN ports, 1 x Mgmt LAN port	
Switch/LED		1 x Q-Code/Port 80 LED	
OS Support		Please find the latest OS support from asus.com/event/Server/OS_support_list/OS.html	
Management Solution	Software	ASUS Control Center (in-band)	
	Out of Band Remote Management	ASMB11-iKVM (BMC AST2600)	
Dimension		E-ATX (12" x 13")	
Environment		Operation temperature: 10°C ~ 35°C Non operation temperature: -40°C ~ 70°C Non operation humidity: 20% ~ 90% (Non condensing)	