
MENU

Z10PA-D8

Processor / System Bus

2 x Socket R3 (LGA 2011-3)
Intel® Xeon® processor E5-2600 v3 product family
QPI 6.4 / 8.0 / 9.6 GT/s

Core Logic

Intel® C612 PCH

Memory

Total Slots : 8 (4-channel per CPU, 4 DIMM per CPU)
Capacity : Maximum up to 512GB LRDIMM
Memory Type :
DDR4 2133 /1866/1600/1333 RDIMM*
DDR4 2133 /1866/1600/1333 LRDIMM*
DDR4 2133 /1866/1600/1333 NVDIMM*
Memory Size :
32GB, 16GB, 8GB, 4GB RDIMM
64GB, 32GB LRDIMM

Expansion Slots

Total Slot : 6
Slot Location 1 : PCI-E x8 (Gen2 X4 Link)
Slot Location 2 : PCI-E x8 (Gen3 X8 Link)
Slot Location 3 : PCI-E x16 (Gen3 X16 Link), Auto switch to x8 link if slot 4 is occupied
Slot Location 4 : PCI-E x8 (Gen3 X8 Link)
Slot Location 5 : PCI-E x16 (Gen3 X16 Link), Auto switch to x8 link if slot 6 is occupied
Slot Location 6 : PCI-E x8 (Gen3 X8 Link), MIO supported

Form Factor

ATX (12"x10")

ASUS Features

FAN speed control
Rack Ready (Rack and Pedestal dual use)
ASWM Enterprise

Storage

SATA Controller :
Intel® C612
10 x SATA3 6Gb/s ports
or
9 x SATA3 6Gb/s ports + 1 x M.2 connector *1
Intel® Rapid Storage Technology Enterprise(RSTe) (For Windows Only)
(Support Software RAID 0, 1, 5, 10)
LSI® MegaRAID (For Linux/Windows)
(Support Software RAID 0, 1, 10)
SAS Controller :
ASUS PIKE II 3008 8-port SAS HBA card(Optional)
ASUS PIKE II 3108 8-port SAS HW RAID card(Optional)

Networking

2 x Intel® I210AT + 1 x Mgmt LAN

Graphic

Aspeed AST2400 with 32MB VRAM

On Board I/O

1 x TPM header
1 x PSU Power Connector (24-pin ATX power connector + 8-pin ATX 12V power connector)*2
1 x PSU Power Connector (24-pin SSI power connector + 8-pin SSI 12V + 8-pin SSI 12V power connector)*3
1 x Management Connector , Onboard socket for optional management card
1 x USB 2.0 pin header , Up to 2 Devices
1 x USB 3.0 pin header , Up to 2 Devices
8 x Fan Header , 4pin
1 x SMBus
1 x Chassis Intruder
2 x Front LAN LED
1 x Serial Port Header
1 x M.2 connector , NGFF Type : 2242, Capacity : 16~128GB

Back I/O Ports

2 x USB 3.0
2 x USB 2.0
1 x VGA Port
2 x GbE LAN
1 x Mgmt LAN
1 x PS/2 KB/Mouse

Management Solution

ASWM Enterprise
Optional ASMB8-iKVM for KVM-over-Internet

Environment

Operation temperature: 10°C ~ 35°C
Non operation temperature: -40°C ~ 70°C
Non operation humidity: 20% ~ 90% (Non condensing)

Monitoring

CPU Temperature
Fan RPM

Note

* Please refer to www.asus.com for latest memory AVL update

*1: SATA 6Gb/s & PCI-E Gen2 x1 link

*2: 85W or below CPU only, minimum requirement of ATX Power supply: 1) 500W 2) All +12V output $\geq 20A$

*3: Support Both ATX & SSI Power Supply

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