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Specifications

Processor / System Bus2 x Socket R3 (LGA 2011-3) per Node
Intel® Xeon® processor E5-2600 v4 product family (145W)*
Intel® Xeon® processor E5-2600 v3 product family(145W)*
QPI 6.4 / 8.0 / 9.6 GT/s
*Refer to www.asus.com for CPU Support list

GenerationE8

Core LogicIntel® C612 PCH

Memory**Total Slots** : 16 (4-channel per CPU, 8 DIMM per CPU) per Node
Capacity : Maximum up to 1024GB LRDIMM
Memory Type :
DDR4 2400 /2133 /1866*/1600 RDIMM
DDR4 2400 /2133 /1866*/1600 LRDIMM
Memory Size :
32GB, 16GB, 8GB, 4GB RDIMM
64GB, 32GB LRDIMM
* Please refer to ASUS server AVL for the latest update
* Actual memory frequency differs from Intel CPU types and memory module.
Please check Intel official site for more detail about the memory types supported by each CPU.

Expansion Slotsper node
1 x PCI-E x16 (Gen3 x16 link), LP, HL
1 x PCI-E x8 (Gen3 x8 link), proprietary*

*Support for following ASUS add-on cards (optional):
PEM-FDR (56Gb/s FDR InfiniBand card)
PEB-10G/57840-2S (Dual Port 10 Gigabit/s Ethernet card)
PEB-10G/57811-1S (Single Port 10 Gigabit/s Ethernet card)

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

HDD Bays8 x Hot-swap 2.5" Storage Bays
1 x M.2 (NGFF 2242 per Node)

Networkingper Node
2 x Intel® I210AT + 1 x Mgmt LAN

GraphicAspeed AST2400 with 32MB VRAM

Front I/O PortsN/A

Rear I/O Portsper Node
2 x USB 3.0 ports
1 x VGA port
2 x RJ-45 GbE LAN ports
1 x RJ-45 Mgmt LAN port

Switch/LEDper Node
Rear Switch/LED :
1 x Q-Code/Port 80 LED
1 x Power switch/LED
1 x Location LED
1 x Message LED
1 x HDD activity LED

Front Switch/LED :
1 x Power switch/LED
1 x Location switch/LED
1 x Message LED
LAN 1-2 LED

OS SupportCitrix XenServer 6.0
Windows® Server 2016
Windows® Server 2012 R2
Windows® Server 2012
Windows® Server 2008 R2
Red Hat® Enterprise Linux
SUSE® Linux Enterprise Server
CentOS
Ubuntu
VMware
Citrix XenServer

*(Subject to change without any notice)

Management SolutionASWM Enterprise
On-Board ASMB8-KVM for KVM-over-IP

Regulatory ComplianceBSMI, CE, C-Tick, FCC(Class A)

Dimensions750mm x 444mm x 88mm
29.52" x 17.48" x 3.46"

Form Factor2U

WeightNet Weight: 39.92 Kg

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Gross Weight: 43.92 Kg

Power Supply 1+1 Redundant 2000W 80PLUS Titanium Power Supply

Rating: 100-140 Vac or 180-240Vac, 12-9.5A (x2) or 9.5-7A, 50-60Hz, ClassI

Environment Operation temperature: 10°C ~ 35°C

Non operation temperature: -40°C ~ 70°C

Non operation humidity: 20% ~ 90% (Non condensing)

Optional Items

Note

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

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