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Specifications

Processor / System Bus² x Socket R3 (LGA 2011-3)

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

Generation⁸

Core LogicIntel® C612 PCH

MemoryTotal Slots : 16 (4-channel per CPU, 8 DIMM per CPU)

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 Slots³ + 1

Low-profile

1 x PCI-E Gen3 x16 (x8 link)

2 x PCI-E Gen3 x8 (x8 link)

1 x OCP Mezzanine (Gen3 x8 link)*

* Support for MCB-10G-2S (Dual Port 10 Gigabit/s Ethernet card) (optional)

StorageSATA Controller :

Intel® C612

9 x SATA3 6Gb/s ports (8 by 2 mini-SAS Connector)

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)

12G SAS Support

HDD Bays12 x Hot-swap 3.5" Storage Bays

2 x Hot-swap 2.5" Storage Bays

1 x M.2 (NGFF 2242)

Networking2 x Intel® I210AT + 1 x Mgmt LAN

GraphicASpeed AST2400 with 32MB VRAM

Front I/O Ports2 x USB 2.0 ports

Rear I/O Ports2 x RJ-45 ports

1 x RJ-45 Mgmt LAN port

2 x USB 3.0 ports

1 x VGA port

1 x PS/2 KB/MS port

1 x External Serial Port

Switch/LEDFront Switch/LED:

1 x Power switch/LED

1 x Location switch/LED

1 x Reset switch

1 x HDD Access LED

1 x Message LED

LAN 1-4 LED

* LAN3-4 for Mezzanine card use

Rear Switch/LED:

1 x Q-Code/Port 80 LED

OS SupportWindows® Server 2016

Windows® Server 2012 R2

Windows® Server 2012

Windows® Server 2008 R2

RedHat® Enterprise Linux

SUSE® Linux Enterprise Server

CentOS

Ubuntu

VMware

Citrix XenServer

*(Subject to change without any notice)

Management SolutionASWM Enterprise

On-Board ASMB8-iKVM for KVM-over-IP

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

Dimensions615mm x 444mm x 88mm

24.21" x 17.48" x 3.46"

Form Factor2U

WeightNet Weight: 15.05 Kg

Gross Weight: 22.15 Kg

Power Supply1+1 Redundant 770W 80 PLUS Platinum Power Supply

Rating: 100-127Vac/200-240Vac, 10A/5A, 50-60Hz, Class I

EnvironmentOperation temperature: 10°C ~ 35°C

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

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

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