

## Specifications

### Processor / System Bus

2 x Socket R3 (LGA 2011-3)  
Intel® Xeon® processor E5-2600 v4 product family (120W) \*  
Intel® Xeon® processor E5-2600 v3 product family (120W) \*  
QPI 6.4 / 8.0 / 9.6 GT/s  
\*Refer to www.asus.com for CPU Support list

### Generation

E8

### Core Logic

Intel® C612 PCH

### Memory

**Total 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 Slots

2 + 1

1 x PCI-E x16 (Gen3 x8 Link), FH, HL

1 x PCI-E x8 (Gen3 x8 Link), FH, HL

1 x OCP Mezzanine (Gen3 x8 link)\*

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

### Storage

#### SATA 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)

### HDD Bays

2 x Hot-swap 2.5" SSD Bays

1 x M.2 (NGFF 2242)

### Networking

2 x Intel® I210AT + 1 x Mgmt LAN

### Graphic

Aspeed AST2400 with 32MB VRAM

### Rear I/O Ports

2 x RJ-45 Mgmt LAN 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

### Switch/LED

Front 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

1 x Power switch/LED

1 x Location LED

1 x Message LED

### OS Support

Windows® 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 Solution

ASWM Enterprise

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

### Regulatory Compliance

BSMI, CE, C-Tick, FCC(Class A)

### Dimensions

383mm x 444mm x 44mm

15.08" x 17.48" x 1.73"

### Form Factor

1U

### Weight

Net Weight: 6.73 Kg

Gross Weight: 12.30 Kg

### Power Supply

Single 500W 80PLUS Platinum Power Supply

Rating: 100-127Vac/200-240Vac, 8A/4A, 50/60Hz, Class I

### Environment

Operation temperature: 10°C ~ 35°C

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

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
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