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## Specifications

**Processor / System Bus** 2 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 support page for more information

**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
* Refer to support page for more information
* 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 )
**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 Bays** 4 x Hot-swap 3.5" Storage Bays
1 x M.2 (NGFF 2242)

**Auxiliary Storage FDD/CD/DVD** 1 x Slim-type Optical Drive Bay
Options: No Device / DVD-RW

**Networking** 2 x Intel® I210AT + 1 x Mgmt LAN

**Graphic** Aspeed AST2400 with 32MB VRAM

**Front I/O Ports** 2 x USB 2.0 ports
1 x VGA port

**Rear I/O Ports** 2 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/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 Mezzazine 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 ASMB8-iKVM for KVM-over-IP

**Regulatory Compliance** BSMI, CE, C-Tick, FCC(Class A)

**Dimensions** 615mm x 444mm x 44mm
24.21" x 17.48" x 1.73"

**Form Factor** 1U

**Weight** Net Weight: 9.84 Kg
Gross Weight: 16.10 Kg

**Power Supply** Single 600W 80PLUS Gold Power Supply
Single 650W 80PLUS Platinum Power Supply

Rating: 100-240Vac,9A/5A ,50-60Hz, Class I

**Environment** Operation temperature: 10℃ ~ 35℃

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

- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

- The information contained is general testing result for reference. Please consult local sales representative for more information on specific supported CPU list on each system.

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