

Specifications

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

Intel® Xeon™ processor E5-2600 v4 product family (120W) *
 Intel® Xeon™ processor E5-1600 v3 product family (120W) *
 Intel® Xeon™ processor E5-2600 v3 product family (120W) *
 Intel® Xeon™ processor E5-1600 v4 product family (120W) *
 QPI 6.4 / 8.0 / 9.6 GT/s
 *Refer to support page for more information

Generation⁸

Core Logic Intel® C612 PCH

Memory / Memory Type :

RDIMM 2400 / 1866 / 1600 / 2133 DDR4
 LRDIMM 2400 / 1600 / 2133 / 1866 DDR4

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

Memory Size :

32GB, 64GB LRDIMM
 4GB, 8GB, 32GB, 16GB RDIMM

* 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.

Capacity : Maximum up to 512GB LRDIMM

Expansion Slots⁶

1 x PCI-E x8 (Gen2 x4 link), FH, FL (MIO supported)
 1 x PCI-E x8 (Gen3 x8 link), FH, FL
 1 x PCI-E x16 (Gen3 x16 link), FH, FL
 or 1 x PCI-E x16 (Gen3 x8 link), FH, FL + 1 x PCI-E x8 (Gen3 x8 link), FH, FL
 1 x PCI-E x16 (Gen3 x16 link), FH, FL
 or 1 x PCI-E x16 (Gen3 x8 link), FH, FL + 1 x PCI-E x8 (Gen3 x8 link), FH, FL

Storage / SAS Controller :

12G SAS Support
 ASUS PIKE II 3008 8-port SAS HBA card (Optional)
 ASUS PIKE II 3108 8-port SAS HW RAID card (Optional)

SATA Controller :

Intel® C612
 Intel® Rapid Storage Technology Enterprise (RSTe) (For Windows Only)
 (Support Software RAID 1, 10, 5, 0)
 9 x SATA3 6Gb/s ports + 1 x M.2 connector
 or
 10 x SATA3 6Gb/s ports

HDD Bays⁴ x 3.5" Hot-swap Storage Bays

1 x M.2 (NGFF 2242)

Auxiliary Storage FDD/CD/DVD³ x 5.25" media bays

(Options: No Device / DVD-RW)

Networking² x Intel® I210AT + 1 x Mgmt LAN

Graphic⁵ / Aspeed AST2400 with 32MB VRAM

Front I/O Ports¹ x Headphone jack*

1 x Microphone jack*
 2 x USB 2.0 ports
 2 x USB 3.0 ports

*The Headphone jack and Microphone jack are only available when an audio card is installed.

Rear I/O Ports² x RJ-45 ports

1 x RJ-45 Mgmt LAN port
 2 x USB 3.0 ports
 2 x USB 2.0 ports
 1 x VGA port
 1 x PS/2 KB/MS port

Switch/LED¹ x Power switch

1 x Location LED (Reserved)
 1 x Reset switch
 1 x HDD Access LED
 1 x Message LED
 1 x Power LED
 LAN 1-2 LED

OS Support⁷ / Windows® Server 2012 R2

Ubuntu
 Windows® Server 2016
 Windows® Server 2012

*Subject to change without any notice

VMware
 Windows® Server 2008 R2
 SuSE® Linux Enterprise Server
 Citrix XenServer
 RedHat® Enterprise Linux
 CentOS

Management Solution⁸ / ASiM Enterprise

Default ASiMB8-KVM for KVM-over-IP

Regulatory Compliance⁹ / FCC (Class A), C-Tick, CE, BSMI

Dimensions⁴ 455mm x 217.5mm x 545mm
 17.91" x 8.54" x 21.45"

Form Factor⁵ / Tower

Weight Net Weight: 15.11 Kg
 Gross Weight: 20.30 Kg

Power Supply¹⁰ / Single 500W 80PLUS Bronze Power Supply

Rating: 100-240Vac, 10-6A, 50-60Hz, Class I

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

Part List

Chassis T50D 5U Pedestal Chassis (13SV0007AM0222)

MB Z10PA-D8 Server board (90S803X1-M0XBNO)

HDD Backplane 1 x BP4LX12G-35-T50D (90SC0750-M0XBNO)

Front Panel Board 1 x FPB-TRS8A (90SC00N0-M0XBNO)

CPU Heatsink/ Cooler 2 x LGA2011 2U AL ACTIVE HS(13070-00680000)

Power Supply Unit 1 x POWER 500W BRONZE ERP2013 (0A100-00140400)

HDD Tray 4 x R21A 3.5 HDD MODULE ASSY (13GS110AM061-1)

Fan 1 x ESC2000 FRONT FAN (13G074186020)
 1 x ESC2000 REAR FAN (13G074186010)

Optical Drive 1 x DVD-RW (17600-00050100)

Mounting Rails Optional: 1 x T50A CHASSIS RAIL TO RACK (13GS0K00M040)

Cable 1 x SATA TO MINI-SAS HD,L=50CM(14011-00860000)
 1 x WIRE CABLE USB 10P TO 10P (14G143083000)
 1 x USB3.0 180 TO 90-R L=900MM (14002-00200100)
 1 x POWER 6P-8P VGA TO CPU L=50MM (14003-00270000)
 1 x SATA CABLE 7P-90-180,L=500mm (14G000100101)
 1 x FAN CABLE 4P/M TO 4P/F, L100MM (14G000015410)

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- 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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