

GS-208C-E1

Xeon-E3 High-Performance Server



Overview

Single-processor high-performance server in 2U design is based on the Intel® Xeon® E3-1200v5 (Skylake) multi-core processors.

The disk subsystem enables up to 8 x 3.5" and up to 2 x 2.5" (without Hot Swap) SATA 6GBs / SAS 12GBs disks. A redundant, hot-swappable power supply unit is used to improve fault tolerance. A remote management (IPMI 2.0) via a dedicated Ethernet port is supported.

Features

- Processor: 1xLGA 1151; Intel® Xeon® E3-1200 v5;
- Chipset: Intel® C236 PCH;
- Expansion slots: 4 x Low profile slots;
- RAM: 4 x DDR4 DIMM (288 pin) slots; up to 64GB ECC UDIMM;
- Disk subsystem: disk subsystem: 8 x 3,5" disks with Hot Swap) / option 2 x 2,5";
- Video subsystem: integrated display controller Aspeed AST2300 32MB VRAM;
- Operating temperature range: 5°C~40°C;
- Dimensions (mm): 660 (D) * 440 (W) * 89 (H);
- Software compatibility: Windows Server 2008R2 / 2012 / 2012R2 / 2016 / 2019 / 2022; Windows 7 / 8 / 8.1/ 10.

Technical Specifications

Processor

- Intel® Xeon® E3-1200 v5;
- Intel® 6th Core™ I3/I5/I7 series CPU, Pentium, Celeron CPU;
- Socket: 1 x LGA 1151;
- Chipset: Intel® C236 PCH;
- Number of processors to be installed: 1;

RAM

- 4 x DDR4 DIMM (288 pin) slots;
- up to 64GB UDIMM, with ECC support;

Expansion slots

- 4 x Low profile slots;

Disk subsystem

- 8 X 3.5"/2.5" HDDs with Hot Swap;
- 5 X SATA 3.0 (on the motherboard);
- 2 X 2.5" HDD/SSD (internal);

Intel® Rapid Storage Technology Enterprise (RSTe)

LSI® MegaRAID SW RAID 0 / 1

Option SAS HW RAID controller LSI SAS3108 1GB cache

Network

- 2 x Ethernet 10/100/1000 Mb/sec (Intel® i350);
- 1 x dedicated port BMC;

Control

- BMC controller ASPEED AST2300 BMC;
- Intelligent Platform Management Interface v.2.0;
- Virtual media over LAN and KVM-over-LAN support;
- Dedicated control port;

Ports

- 4 x USB 3.0;
- 2 x USB 2.0;
- 1 x VGA (D-sub);
- 2 x LAN (RJ-45) + 1 x IPMI LAN (RJ-45);
- 1 x COM (RS-232)4
- 2 x GbE;

Video subsystem

- integrated display controller Aspeed AST2300 32MB VRAM;

Power supply

- Backup power supply unit 300W with redundancy or 350W non-redundant;
- 100-240 V AC, 50-60 Hz;

Operating temperature range

- 5°C ~40°C ;

Humidity

- 10-85% at 40°C ;

Dimensions (mm)

- 660 (D) * 440 (W) * 89 (H);

Software compatibility

- Microsoft® Windows Server® 2008 / 2012 R2 / 2016 / 2019 / 2022;
- Windows 7/8/8.1 Pro/10 Enterprise (32/64 Bit);

Weight

- 14 kg;

Implementation

- 2U form-factor, black, for mounting to the 19" rack;

Warranty

- 2 years (3 years and more – as option);



GS-208C-E1

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Ordering information

GS-208C-E1 Configuration

GS-208C-E1 \ Options

Configurations

GS-208C-E1-01

Processor: 1xLGA 1151; Intel® Xeon® E3-1200 v5, Chipset: Intel® C236 PCH, RAM: 4 x DDR4 DIMM (288 pin) slots, up to 64GB ECC UDIMM, 4 x Low profile expansion slots, video subsystem - integrated display controller Aspeed AST2300 32MB VRAM, operating temperature range: 5°C~40°C;

Delivery checklist

GS-208C-E1 delivery checklist contains:

1. Xeon-E3 High-Performance Server GS-208C-E1
2. Packaging.

* Appearance, equipment and specifications are subject to change by the manufacturer without prior notice. When ordering equipment, please specify the declared technical characteristics.

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Product specifications are subject to change without notice

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