

GS-2501-X5 (Advantix - powered by Fastwel) Intel® Xeon® Scalable Compact Failsafe Server



Overview

GS-2501-X5 (Advantix – powered by Fastwel) is a high-performance failsafe server with a special design and a depth of only 460 mm. The server is based on Intel® Xeon® Scalable Processors, which makes it possible to equip the system with up to 384 GB DDR4-2933 MHz RDIMM.

The disk subsystem enables installation of up to 3x 3.5" SATA drives. In order to increase fail safety, a power supply unit with redundant and hot-swappable modules is used. Remote management (IPMI 2.0) over a dedicated Ethernet port is supported.

Features

- CPU: Intel® Xeon® Scalable Processor;
- RAM: 4x DDR4 DIMM – up to 384 GB DDR4-2933MHz RDIMM;
- Chipset: Intel® C621;
- Network: 2 x Ethernet 10/100/1000;
- Video subsystem: integrated ASPEED AST2500 graphics controller;
- Power supply: Redundant power supply unit 450W (1+1); 100-240 V AC, 50-60 Hz;
- Temperature range: +5~+40°C;
- Dimensions: 460 (D) * 483 (W) * 88 (H);
- OS compatibility: Windows Server 2019 / 2016 / 2012R2; Windows 10 / 8.1; Linux (64 bit): RHEL EL 6.8 / 6.9 / 7.3; Ubuntu 14.04.2 LTS / 16.10; FreeBSD 10.3; CentOS 7.3; Fedora 25 / 26

Technical Specifications

CPU

- 1 x Socket LGA 3647
- Intel® Xeon® Scalable Processor;

Chipset

- Intel® C621;

RAM

- 4 x DDR4 DIMM
- Up to 384 GB DDR4-2933 MHz RDIMM;

Video subsystem

- integrated Aspeed AST2500 BMC;

Disk subsystem

- 3 x 3.5" drives;
- SATA RAID 0, 1, 10;

Expansion slots

- 3 x slots (half-height):
- 2x PCI-E 3.0 x16 (16 x lines);
- 1x PCI-E 3.0 x8 (8 x lines);
- 1 x M.2 (PCI-E 3.0 x4, 2280 / 2242);

Network

- 2 x Ethernet 10/100/1000;

Control

Controller (BMC) Aspeed AST2500

- Intelligent Platform Interface 2.0 (IPMI 2.0);
- Virtual media over LAN, KVM over LAN;
- Dedicated management port;

Ports

On rear panel:

- 2 x USB 3.0; 2 x USB 2.0;
- 1 x VGA;
- 2 x RS-232 (DB-9);
- 2 x LAN (RJ-45); 1 x Mgm LAN (RJ-45);

On front panel:

- 2 x USB 2.0;

Power supply

- Redundant power supply unit 450W (1+1); 100-240 V AC, 50-60 Hz;

Operating temperature range

- from +5°C to +40°C;

Dimensions (mm)

- 460 (D) * 483 (W) * 88 (H);

Weight

- 14 kg;

Version design

- For mounting to the 19" rack, 2U, black color;

OS compatibility

Microsoft (64 bit):

- Windows Server 2019 / 2016 / 2012R2;
- Windows 10 / 8.1;

Linux (64 bit):

- RHEL EL 6.8 / 6.9 / 7.3; Ubuntu 14.04.2 LTS / 16.10;
- FreeBSD 10.3; CentOS 7.3; Fedora 25 / 26;

Warranty

- 2 years;



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Ordering information

GS-2501-X5 (Advantix - powered by Fastwel) Configuration

GS-2501-X5 \Options

Configurations

GS-2501-X5

High-Performance Compact Failsafe Server / Intel® Xeon® Scalable Processor / RAM: 4 x DDR4 DIMM up to 384 GB DDR4-2933 MHz RDIMM / Aspeed AST2500 BMC / Redundant power supply unit 450W (1+1); 100-240 V AC, 50-60 Hz;

Delivery checklist

GS-2501-X5 (Advantix - powered by Fastwel) delivery checklist contains:

1. GS-2501-X5 (Advantix – powered by Fastwel) High-Performance Compact Failsafe Server;
2. Packaging.

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Product specifications are subject to change without notice

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