

# IS-4U-SYS5-A6 (Advantix - powered by Fastwel)

## Intel® Xeon® E3-1200 v3 Cost Effective Universal Industrial Server



### Overview

The cost effective server IS-4U-SYS5-A6 (Advantix - powered by Fastwel) is based on high-performance Intel CPUs of the Haswell series: Intel® Xeon® E3-1200 v3 and Intel® Core™ 4th Gen.

The system supports installation of up to 4 x hot-swappable SAS/SATA hard drives with RAID arrays. Up to 7 x full-size expansion cards can be installed into the server, 2 of which are PCI Express x16 and 3 are the PCI ones.

High fault tolerance is ensured by the use of a redundant power supply unit, as well as support for remote management and monitoring via IPMI.

The chassis has a highly efficient replaceable dust filter and shock-absorbing elements for the drive cage.

### Features

- CPU: Intel® Xeon®E3-1200 v3/Intel® Core™ i7/i5/i3 4xxx ser.;
- Chipset: Intel® C226;
- RAM: up to 32GB 4 x 240-pin DIMM;
- Video subsystem: Intel HD Graphics, 1 GB shared memory;
- Network: 4 x Gigabit Ethernet (Intel® i217LM + 3x Intel® i210AT);
- Power supply: Redundant power supply unit (1+1) with a power of 500W;
- Temperature range:+5~+40°C (oper.), +20~+60°C (storage);
- Dimensions: 482 (D) \* 482 (W) \* 177 (H);
- OS compatibility: Microsoft Windows 10 IoT Ent, Windows 8.1 Pro, Windows 7 Pro, Windows XP Pro SP3; Microsoft Windows Server 2012/2008/2003, Red Hat Linux, SUSE Linux;

### Technical Specifications

#### CPU

Socket 1150 (Haswell)

- Intel® Xeon® E3-1200 v3;
- Intel® Core™ i7 / i5 / i3 – 4xxx series;

#### Chipset

- Intel® C226

#### RAM

Up to 32GB

- 4 x 240-pin DIMM;
- Dual Channel DDR3 ECC/Non-ECC 1066/1333/1600 MHz;

#### Video subsystem

- Intel HD Graphics, 1 GB shared memory;

#### Disk subsystem

Up to 4 x drives 3.5" Hot Swap

- Standard: SATA drives in RAID 0,1,10 & 5 (Intel® Matrix Storage);
- Additionally: SAS/SATA drives with hardware controller RAID 0,1,10 & 5;
- Optical drive DVD±RW (option);

#### Expansion slots

7 x slots:

- 2 x PCI Express x16 (x8/x16) Gen 3;
- 2 x PCI Express x1 Gen 2;
- 3 x PCI;

#### Network

- 4 x Gigabit Ethernet (Intel® i217LM + 3x Intel® i210AT);

#### Control

- Intel vPro, AMT 9.0, Watchdog Timer;
- IPMI 2.0 (option);

#### Ports

- 4 x USB 3.0 (2 x front);
- 2 x USB 2.0;
- 2 x DVI; 1 x VGA (D-Sub);

- 4 x LAN (RJ-45);
- 1 x COM (RS-232);
- 2 x PS/2 (kbd/mouse);

#### Power supply

- Redundant power supply unit (1+1) for 500W;

#### Operating temperature range

- from 0 to +40°C at 10-85% (40°C), condensate formation;

#### Storage temperature range

- from -40 to +70°C at 10-95% (40°C), non-condensing;

#### Dimensions

- 482 (D) \* 482 (W) \* 177 (H);

#### Weight

- 20 kg (max);

#### Version design

- For mounting to the 19" rack, 4U, black color;

#### OS compatibility

Microsoft:

- Windows 10 IoT Ent;
- Windows 8.1 Pro;
- Windows 7 Pro;
- Windows XP Pro SP3;
- Windows Server 2008R2;
- Windows Server 2012 R21;

Linux:

- Fedora 19 x64 bit;
- RHEL 6.5 Enterprise x64 bit;
- SUSE Enterprise Desktop 11 x64 bit;

#### Warranty

- 2 years;



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## Ordering information

### IS-4U-SYS5-A6 (Advantix - powered by Fastwel) Configuration

#### IS-4U-SYS5-A6 \Options

##### Configurations

##### IS-4U-SYS5-A6

Cost Effective Universal Industrial Server / Intel® Xeon® E3-1200 v3 or Intel® Core™ i7 / i5 / i3  
– 4xxx series / RAM: up to 32GB 4 x 240-pin DIMM / Intel HD Graphics, 1 GB shared memory /  
Redundant power supply unit (1+1) for 500W;

#### Delivery checklist

**IS-4U-SYS5-A6 (Advantix - powered by Fastwel) delivery checklist contains:**

1. IS-4U-SYS5-A6 (Advantix – powered by Fastwel) Cost Effective Universal Industrial Server
2. Packaging.

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Product specifications are subject to change without notice

## Corporate offices

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