IPC-2U-SYS9-A9 (Advantix - powered by Fastwel)
2U High-Performance ACS Operator's Workstation

Features

- CPU: Intel Pentium G4400/Core i3-6100/Core i5-6500 etc;
- RAM: up to 64GB, 4 x DIMM DDR4-2133, non ECC;
- GPU: integrated GPU Intel HD Graphics 510/530, DX 12;
- Chipset: Intel Q170;
- Network: 2 x Ethernet 10/100/1000 Intel i219LM, i210AT, support of WoL (Wake-on-Lan), PXE, Teaming, iAMT 11;
- Power supply: 400W or 700W as a single unit, or 400/450W as redundant PSU (as option);
- Operating temperature range: +5°C ... +40°C;
- Dimensions: 460 (D) * 483 (W) * 89 (H);
- OS compatibility: Microsoft Windows 7 32/64, Windows 8.1 x64, Windows 10 x64, Linux;

Technical Specifications

Overview

The IPC-2U-SYS9-A9 workstation (Advantix - powered by Fastwel) is optimized for mounting to the 19" racks, where it occupies 2U high section. At the same time, the enclosure's depth is only 460 mm. The dustproof filter is available for replacement from the front panel in the Hot Swap mode, as are the 2 x 80 cm system fans. The device is equipped with an enclosure opening monitoring option: 3 x built-in opening sensors track the opening of the upper cover of the enclosure, the ventilation unit, and the front door of the enclosure.

The workstation is based on an industrial mATX standard motherboard with the Intel Q170 system logic set. The system has 4 low-profile expansion slots. In addition, the platform has a well-developed disk subsystem and advanced network capabilities - the basic device basic configuration is delivered with an integrated SATA RAID 5 controller and 2 x Gigabit integrated network adapters. There are 2 x USB ports on the front panel.

CPU
- Intel Pentium G4400 (2 x cores);
- Core i3-6100 (2 x cores);
- Core i5-6500 (4 x cores);
- Core i7-6700 (4 x cores, HT);
- LGA1151 – or any other Intel Core of the 6th generation;

RAM
- up to 64GB, 4 x DIMM DDR4-2133, non ECC, single - channel or two-channel;

Video subsystem
- integrated GPU Intel HD Graphics 510/530, DX 12;

Chipset
- Intel Q170;

Disk subsystem
- 1 x HDD 1TB SATA as standard, it is possible to install an internal drive cage for 3 x HDDs 3.5" and an external Hot Swap drive cage for 3 x HDDs 3.5" or 2/4 x HDDs 2,5";
- 6 x SATA-600 ports; 1 mSATA. Support of RAID 0,1,5,10;

Expansion slot
- 1 x PCI-E x16 gen3 (16 PCI-E lines), half-height;
- 1 x PCI-E x8 gen3 (4 x PCI-E lines), half-height, slotted;
- 1 x PCI-E x16 gen3 (4 x PCI-E lines), half-height;
- 1 x PCI-E x8 gen3 (1 x PCI-E line), half-height;
- 1 x mPCIe (or same as mSATA);

Bays
- 1 x 3.5" / 2.5" (internal);
- 2 x 5,25";

Network
- 2 x Ethernet 10/100/1000 Intel i219LM, i210AT controllers, support of WoL (Wake-on-Lan), PXE, Teaming, iAMT 11;

Audio
- 5.1-channel, Realtek ALC671HDA;

Power supply
- 400W or 700W as a single unit, or 400/450W as redundant PSU (as option);

Ports
- 7 x USB 2.0 (2 of them are on the front panel, 4 x on rear panel, 1 x internal);
- 4 x USB 3.0 on rear panel;
- 1 x DVI-D with the ability to connect VGA, 2 DP (all 3 are operating independently);
- 2 x LAN (RJ-45);
- 2 x PS/2;
- 2 x COM (RS-232), 1 x LPT (to be ordered as option: FS-T26139-Y3910-V52);
- Line In, Line Out, Mic;
- 3 x enclosure opening sensors – as option;

Operating temperature range
- from +5 to +40°C;

Storage temperature
- from -20 to +60°C;

Humidity
- 10-85% at +40°C (operation),10-95% at +40°C (storage), non-condensing ;

Dimensions
- 460 (D) * 483 (W) * 89 (H);

Weight
- 13 kg;

Color
- Black;

Version design
- For mounting to the 19" rack, 2U;

OS compatibility
- Microsoft Windows 7 32/64;
- Windows 8.1 x64;
- Windows 10 x64;
- Linux;

Warranty
- 2 years (3 years as option);

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Ordering information

IPC-2U-SYS9-A9 (Advantix - powered by Fastwel) Configuration

IPC-2U-SYS9-A9 \Options

Configurations

IPC-2U-SYS9-A9	2U High-Performance ACS Operator's Workstation / Intel Pentium G4400 or Core i3-6100 or Core i5-6500 or Core i7-6700 / RAM: up to 64GB, 4 x DIMM DDR4-2133, non ECC, single - channel or two-channel / integrated GPU Intel HD Graphics 510/530, DX 12 / 400W or 700W as a single unit, or 400/450W as redundant PSU (as option);

Delivery checklist

IPC-2U-SYS9-A9 (Advantix - powered by Fastwel) delivery checklist contains:

1. IPC-2U-SYS9-A9 (Advantix - powered by Fastwel) 2U High-Performance ACS Operator's Workstation
2. Packaging.

Corporate offices