

# IPC-2U-SYS9-A8 (Advantix - powered by Fastwel) 2U High-Performance ACS Operator's Workstation



## Overview

The IPC-2U-SYS9-A8 (Advantix – powered by Fastwel) workstation is designed for use in industrial production - where working with resource-intensive applications and resistance to adverse external effects are required.

The workstation's body is optimized for mounting in the 19" racks, where it occupies a 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 Q87 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.

## Features

- CPU: Intel Pentium G3420/Core i3-4330/Core i5-4590S etc;
- RAM: up to 32GB, 4 x DIMM DDR3-1600, non ECC;
- GPU: integrated GPU Intel HD Graphics 4600, DX 11.1;
- Chipset: Intel Q87;
- Network: 2 x Ethernet 10/100/1000 Intel controllers (teaming support);
- Power supply: 400W 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, Microsoft Windows 10, Linux;

## Technical Specifications

### CPU

- Intel Pentium G3420 (2 x cores);
- Core i3-4330 (2 x cores);
- Core i5-4590S (4 x cores);
- Core i7-4770S (4 x cores, HT);
- LGA1150 (4th generation Intel Core);

### RAM

- up to 32GB, 4 x DIMM DDR3-1600, non ECC, single-channel or- 2-channel;

### Video subsystem

- Integrated GPU Intel HD Graphics 4600, DX 11.1;

### Chipset

- Intel Q87;

### Disk subsystem

- 1 x HDD 500GB 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 gen2 (1 x PCI-E line), half-height, slotted;
- 1 x PCI-E x16 gen2 (4 x PCI-E lines), half-height;
- 1 x PCI, half-height;

### Bays

- 1 x 3.5" / 2.5" (internal);
- 2 x 5.25";

### Network

- 2 x Ethernet 10/100/1000 Intel controllers (teaming support);

### Audio

- 5.1-channel, HDA;

### Power supply

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

### Ports

- 9 x USB 2.0 (2 of them are on the front panel, 6 are on the rear panel, 1 x internal);
- 2 x USB 3.0 on rear panel;
- 1 x DVI-I 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;
- Microsoft Windows 10;
- Linux;

### Warranty

- 2 years (3 years as option);

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## Ordering information

### IPC-2U-SYS9-A8 (Advantix - powered by Fastwel) Configuration

#### IPC-2U-SYS9-A8 \Options

##### Configurations

##### IPC-2U-SYS9-A8

2U High-Performance ACS Operator's Workstation / Intel Pentium G3420 or Core i3-4330 or Core i5-4590S or Core i7-4770S / RAM: up to 32GB, 4 x DIMM DDR3-1600, non ECC, single-channel or- 2-channel / integrated GPU Intel HD Graphics 4600, DX 11.1 / 400W as a single unit, or 400/450W as redundant PSU (as option);

##### Delivery checklist

**IPC-2U-SYS9-A8 (Advantix - powered by Fastwel) delivery checklist contains:**

1. IPC-2U-SYS9-A8 (Advantix - powered by Fastwel) 2U High-Performance ACS Operator's Workstation
2. Packaging.

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Product specifications are subject to change without notice

## Corporate offices

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