VKP-V2/EL8S-A1 (Advantix - powered by Fastwel)
2U Elbrus-8S CPU-Based High-Performance Fanned Brusnika Industrial Computer

Features

- ■ CPU: Elbrus-8S1 1891VM028 (1300 MHz, 8x cores);
- ■ Chipset: KPI-2 1991VG2YA;
- ■ RAM: 4 – 64GB, 4 x DDR3-1600, ECC reg;
- ■ Audio: 5.1-channel HD Audio;
- ■ Video subsystem: 3D GPU of the AMD Radeon family, PCIe (3-5 video outputs);
- ■ Network: 3 x Ethernet 10/100/1000 controllers (4 - 8 ports – as option);
- ■ Operating temperature range: +5°C ... +40°C;
- ■ Dimensions: 460 (D) * 483 (W) * 89 (H);
- ■ OS compatibility: Elbrus operating system is included in the set, Support of Astra Linux Special Edition, Neutrino-E Protected Real-Time Operating System. Support of Windows XP, Win 7 in the binary translation mode;

Technical Specifications

Overview

Brusnika VKP-V2/EL8S-A1 Industrial Computer (Advantix - powered by Fastwel) is based on a Russian-made high-performance Elbrus-8S CPU and is equipped with fans that can be replaced via the enclosure's front panel. The computer is easy to configure and is designed for the operation in the 24/7 mode.

CPU

- Elbrus-8S1 1891VM028 (1300 MHz, 8x cores);

RAM

- 4 – 16 GB, 1 x module SO-DIMM DDR4 2133, non ECC;

Video subsystem

- 3D GPU of the AMD Radeon family, PCIe (3-5 video outputs);

Chipset

- Chipset: KPI-2 1991VG2YA;

Expansion slots

- 2 x PCIe x16 half height;
- 1 x PCIe x4 half height;
- 1 x PCI half height;

Bays

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

Disk subsystem

- 8 x SATA 3.0 ports, it is possible to install a drive cage for 3 or 4 x HDDs/SSDs;

Network

- 3 x Ethernet 10/100/1000 controllers (4 - 8 ports – as option);

Audio

- 5.1-channel HD Audio;

Ports

- 6 x USB 2.0 on the rear panel, 2 x USB 2.0 on the front panel;
- 1 x DVI-I, 1 x VGA, 1 x HDMI (video outputs depend on the GPU type);
- 3 x LAN (RJ-45);
- 1 x COM port RS-232;
- Audio input/output, microphone (6 x mini-jack connectors);

Power supply

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

Operating temperature range

- from +5°C ... +40°C;

Dimensions

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

Weight

- 10kg;

Version design

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

Color

- Black;

OS compatibility

Elbrus operating system is included in the set;

- Astra Linux Special Edition;
- Neutrino-E Protected Real-Time Operating System;
- Windows XP, Win 7 in the binary translation mode;

Warranty

- 1 year – storage, 1 year – operation (2 years and more – as option);

Ordering information

VKP-V2/EL8S-A1 (Advantix - powered by Fastwel) Configuration

VKP-V2/EL8S-A1 \Options

Configurations

VKP-V2/EL8S-A1	Elbrus-8S CPU-Based High-Performance Fanned AdvantiX Brusnika Industrial Computer / Elbrus-8S1 1891VM028 (1300 MHz, 8x cores) / RAM: 4 – 64GB, 4 x DDR3-1600, ECC reg / 3D GPU of the AMD Radeon family, PCIe (3-5 video outputs) / 400W or 700W as a single unit, or 450W redundant PSU (as option);

Delivery checklist

VKP-V2/EL8S-A1 (Advantix - powered by Fastwel) delivery checklist contains:

1. VKP-V2/EL8S-A1 (Advantix – powered by Fastwel) Elbrus-8S CPU-Based High-Performance Fanned AdvantiX Brusnika Industrial Computer
2. Packaging.

Corporate offices

FASTWEL GROUP Co, Ltd

108 Profsoyuznaya str.
Moscow, Russia 117437
Tel: +7 (495) 232-1681
Fax: +7 (495) 232-1654
E-mail: info@fastwel.com
Web: www.fastwel.com