VKP-V2/EL4S-A1 (Advantix - powered by Fastwel)
2U Elbrus-4S CPU-Based Fanned Brusnika Industrial Computer

Features

- CPU: Elbrus-4S 1891VM8YA (800 MHz, 4 x cores);
- Chipset: KPI 1991VG1YA;
- RAM: 4 – 96Gb, 3 x DDR3-1600, ECC reg;
- Audio: 2 x AC-97 channels;
- Video subsystem: Integrated: Silicon Motion SM718 GPU or option: 3D GPU of the AMD Radeon family;
- Network: 1 x Ethernet 10/100/1000 controller (2 - 5 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, Neutrino-E Protected Real-Time Operating System, Windows XP, Astra Linux Special Edition in the binary translation mode;

Overview

Brusnika VKP-V2/EL4S-A1 (AdvantiX - Powered by Fastwel) Industrial Computer is based on a Russian-made CPU Elbrus-4S 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.

Technical Specifications

CPU

- Elbrus-4S 1891VM8YA (800 MHz, 4 x cores);

RAM

- 4 – 96GB, 3 x DDR3-1600, ECC reg;

Video subsystem

- Integrated: Silicon Motion SM718 GPU on the PCI bus, 16Mb video memory. Resolution: up to 1920 x 1080;
- Option: 3D GPU of the AMD Radeon family, PCIe;

Chipset

- Chipset: KPI 1991VG1YA;

Expansion slots

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

Bays

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

Disk subsystem

- mSATA connector: 32-512GB SSD;
- 3 x SATA ports, it is possible to install a drive cage for 3 or 4 HDD/SSDs;
- Connector for the CF 16-64GB card (for storing binary compiler, without access from the outside);

Network

- 1 x Ethernet 10/100/1000 controller (2 - 5 ports – as option);

Audio

- 2 x channel AC-97;

Ports

- 4 x USB 2.0 on the rear panel, 2 x USB 2.0 on the front panel;
- 1 x DVI-I (with VGA signal support over adapter);
- 1 x LAN (RJ-45);
- 2 x COM ports RS-232;
- Audio input/output, stereo;

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;

- Support of the Neutrino-E Protected RealTime Operating System;
- Windows XP, Astra Linux Special Edition in the binary translation mode;

Warranty

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

Ordering information

VKP-V2/EL4S-A1 (Advantix - powered by Fastwel) Configuration

VKP-V2/EL4S-A1 \Options

Configurations

VKP-V2/EL4S-A1	Elbrus-4S CPU-Based Fanned AdvantiX Brusnika Industrial Computer / Elbrus-4S 1891VM8YA CPU (800 MHz, 4 x cores) / RAM: 4 – 96GB, 3 x DDR3-1600, ECC reg / Integrated GPU Silicon Motion SM718 on the PCI bus, 16Mb video memory / 400W or 700W as a single unit, or 450W redundant PSU (as option);

Delivery checklist

VKP-V2/EL4S-A1 (Advantix - powered by Fastwel) delivery checklist contains:

1. VKP-V2/EL4S-A1 (Advantix – powered by Fastwel) Elbrus-4S CPU-Based Fanned AdvantiX Brusnika Industrial Computer
2. Packaging.

Corporate offices