

WS-200X (Advantix - powered by Fastwel)

Compact Industrial Computer



Features

- Processor: SoC Broadcom BCM2711;
- RAM: 1GB, 2GB or 4GB LPDDR4 (depending on the model);
- GPIO: standard 40-pin GPIO header;
- Weight: 0.3 kg;
- Support of SD cards: Slot for Micro SD cards for booting operating system and storing data;
- Temperature ranges: from -40°C to +60°C (operating), from -40°C to +80°C (storage);
- Power supply: 5V, 3A via USB-C connector;
- Cooling: conduction, no fans;
- OS compatibility: Raspbian (Linux);

Overview

WS-200X (Advantix – Powered by Fastwel) is a high-performance industrial computer, based on the Broadcom BCM2711 4x cores Cortex-A72 (ARM v8) 64-bit SoC, which is characterized by compact size, cost-efficiency and low power consumption and designed for operation in a wide temperature range.

Processor

- Broadcom BCM2711, 4x cores Cortex-A72 (ARM v8) 64-bit SoC @ 1.5 GHz, GPU –Video core VI (500 MHz, 2160p);

RAM

- 1GB, 2GB or 4GB LPDDR4 (depending on the model);

Connection

- 2.4 GHz and 5.0 GHz IEEE 802.11 b/g/n / ac wireless;
- LAN, Bluetooth 5.0, BLE;
- Gigabit Ethernet;
- 2 × USB 3.0;
- 2 × USB 2.0;

GPIO

- Standard 40-pin GPIO header;

Video and audio

- 2 x ports micro HDMI × (supports up to 4kp60);
- 2 x channel port of MIPI DSI display;
- 2 x channel port for MIPI CSI camera;
- 4 x pole stereo audio and composite video port;

Multimedia

- H. 265 (decoding 4Kp60);
- H. 264 (decoding 1080p60, video coding in the 1080p30 format);
- OpenGL ES, 3.0 graphics;

Support of SD cards

- Slot for Micro SD cards for booting operating system and storing data;

Power supply

- 5V, 3A via USB-C connector;

Cooling

- Conduction, no fans;

Operating temperature range

- from -40°C to +60°C;

Storage temperature range

- from -40°C to +80°C;

Dimensions

- 91(W)* 66(D) *33(H) mm;

Weight

- 0.3 kg;

Color

- Black;

OS compatibility

- Raspbian (Linux);

Warranty

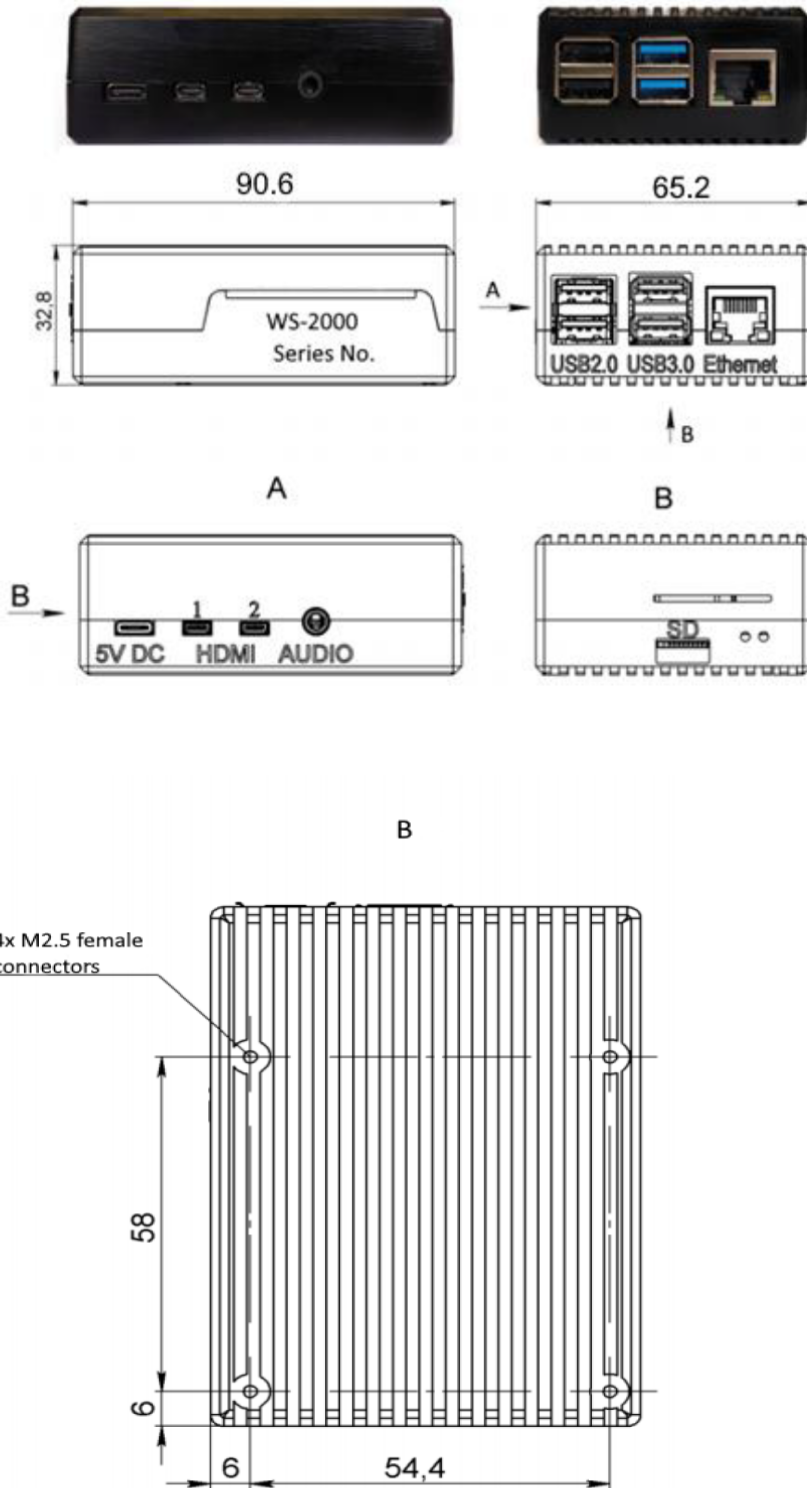
- 2 years;



WS-200X (Advantix - powered by Fastwel) Compact Industrial Computer

Layout

WS-200x (Advantix – powered by Fastwel)



WS-200X (Advantix - powered by Fastwel) Compact Industrial Computer

Ordering information

WS-200X (Advantix – powered by Fastwel) Configuration

WS-200X \ Options

Configurations

WS-2001	Compact Industrial Computer WS-2001/ Cortex-A72 1.5GHz/ 1GB LPDDR4, OS: Raspbian (Linux);
WS-2002	Compact Industrial Computer WS-2002/ Cortex-A72 1.5GHz/ 2GB LPDDR4, OS: Raspbian (Linux);
WS-2004	Compact Industrial Computer WS-2004/ Cortex-A72 1.5GHz/ 4GB LPDDR4, OS: Raspbian (Linux);

Delivery checklist

WS-200x (Advantix - powered by Fastwel) delivery checklist contains:

1. WS-200X (Advantix – powered by Fastwel) Compact Industrial Computer
2. Packaging.

Ver.1.04.2020

Product specifications are subject to change without notice

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