PPC-10FN (Advantix - powered by Fastwel)
Intel® Atom™ Dual Core D2550 Fanless 10" Panel PC

Features

- CPU: Intel® Atom™ Dual Core D2550 (1.86 GHz, 1 MB);
- Chipset: Intel® NM10;
- RAM: 1 – 4GB, 1 x DDR3 1066/1333 module, non ECC;
- Protection: aluminum front panel, IP65;
- Screen: 10" with resolution up to 800 x 600, with resistive touchscreen, luminance: cd/m², contrast ratio: 700:1;
- Network: 2 x Ethernet 10/100/1000 Intel® 82574L controllers, each on the PCI-E x1 bus;
- Op. temperature: +5ºC~+50ºC (w/SSD), +5ºC~+40ºC (w/HDD);
- Power supply: 12-24V DC;
- OS compatibility: Microsoft Windows XP Embedded, Windows 7 (32 bit);

Overview

PPC-10FN (Advantix – powered by Fastwel) Intel® Atom™ Dual Core D2550 Fanless Panel PC is equipped with 10" touchscreen with resolution of 800x600 and is characterized by a stylish ultrathin industrial design and low power consumption (up to 34W max).

Technical Specifications

CPU

- Intel® Atom™ Dual Core D2550 (1.86 GHz, 1 MB), with Hyper-Threading support;

Chipset

- Intel® NM10;

RAM

- 1 – 4GB, 1 x DDR3 1066/1333 module, non ECC;

Screen

- 10" with resolution up to 800 x 600, with resistive touchscreen, luminance: cd/m², contrast ratio: 700:1;

Expansion slots

- No slots;

Disk subsystem

- 1 x bay for 2.5" HDD/SSD SATA, easy access from rear panel;
- 1 x external bay for CF (closed by a cover);

Network

- 2 x Ethernet 10/100/1000 Intel® 82574L controllers, each on the PCI-E x1 bus;

Audio

- 2-channel, Realtek® HD Audio;

Ports

Standard:

- 4 x USB 2.0;
- 1 x DVI-I;
- 2 x LAN (RJ-45);
- 2 x COM (RS-232/422, RS485 as option, upon request);

There are other additional expansion options (see below);

Watchdog

- programmable;

Power supply

- 12-24V DC;

Cooling

- Convection, passive;

Operating temperature range

- from +5ºC to +50ºC (with SSD), +5ºC to +40ºC (with HDD);

Storage temperature

- from -20ºC to +60ºC;

Dimensions

- 44.2 (D) * 314 (W) * 253 (H);

Weight

- 3.2 kg;

Version design

- Aluminum housing, connector for VESA mount;

Protection

- IP65 for the front panel, IP20 for the rear panel;

OS compatibility

- Microsoft Windows XP Embedded;
- Windows 7 (32 bit);

Delivery checklist

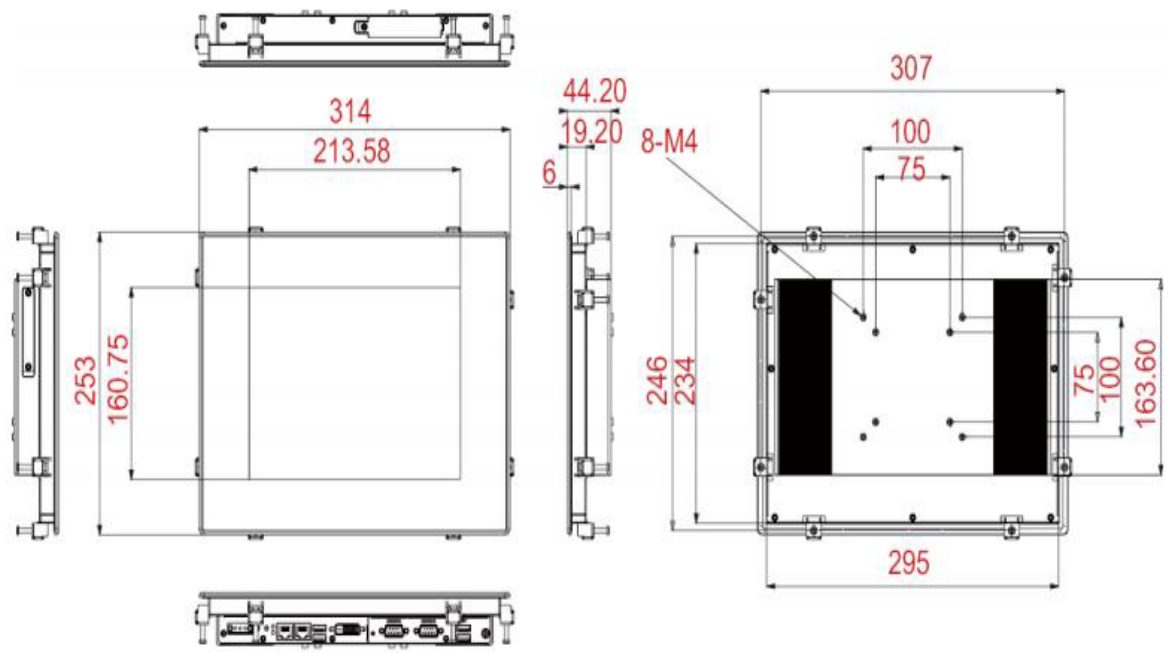- Phoenix female connector, wall mounting kit (option);

Warranty

- 2 years;

Layout

PPC-10FN (Advantix - powered by Fastwel)

Replaceable expansion ports

Bottom view

Ordering information

PPC-10FN (Advantix - powered by Fastwel) Configuration

PPC-10FN \Options

Configurations

PPC-10FN	10" Fanless Panel PC / Atom D2550 1.86GHz / 2GB DDR3 / 500GB HDD;
PPC-10FN-SSD120	10" Fanelss Panel PC / Atom D2550 1.86GHz / 2GB DDR3 / 120GB SSD;
PPC-10RMKIT	Kit for mounting to the 19" rack, with 1 x USB on the front panel;
96PSA-A65W19P2-2	External power supply unit 19V DC, 100-240V, 65W;
PC-186-ML12	Power cable, 1,8m.

Expansion options

	2 x USB 2.0 2 x RS-232/422 (RS485 as option, upon request) **(included in the basic version)**
	2 x USB 1 x Line-out 1 x RS-232/422(RS485 as option, upon request)
	1 x RS-232 2 x RS-232/422 (RS485 as option, upon request)

Delivery checklist

PPC-10FN (Advantix - powered by Fastwel) delivery checklist contains:

1. PPC-10FN (Advantix – powered by Fastwel) Fanless 10" Panel PC
2. Phoenix female connector, wall mounting kit (option)
3. Packaging.

Corporate offices

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