

PPC-12FN (Advantix - powered by Fastwel)

Intel® Atom™ Dual Core D2550 Fanless

12" Panel PC



Overview

PPC-12FN (Advantix – powered by Fastwel) Intel® Atom™ Dual Core D2550 Fanless Panel PC is equipped with 12" screen with resolution of 800x600 and is characterized by a stylish ultrathin industrial design and low power consumption (up to 36W max).

Features

- CPU: Intel® Atom™ Dual Core D2550 (1.86 GHz, 1 MB cache);
- Chipset: Intel® NM10;
- RAM: 1 – 4GB, 1 x DDR3 1066/1333 module, non ECC;
- Protection: IP65;
- Screen: 12", resolution 800 x 600, with resistive touchscreen, luminance: 450 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: +5°C~+50°C (SSD), +5°C~+40°C (HDD);
- Power supply: 12-24V DC;
- OS compatibility: Microsoft Windows XP Embedded, Windows 7 (32 bit);

Technical Specifications

CPU

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

Chipset

- Intel® NM10;

RAM

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

Screen

- 12", resolution 800 x 600, with resistive touchscreen, luminance 450 cd/m², contrast ratio: 700:1;

Expansion slots

- No;

Disk subsystem

- 1 x bay for 2.5" HDD/SSD SATA, easy access from the rear panel;
- 1 x external CF bay (closed with 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

- 4 x USB 2.0;
 - 1 x DVI-I;
 - 2 x LAN (RJ-45);
 - 2 x COM (RS-232/422/485);
- There are other additional expansion options (see below);

Watchdog

- programmable;

Power supply

- 12-24V DC;

Cooling

- Convection, passive;

Operating temperature range

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

Storage temperature

- from -20°C to +60°C;

Dimensions

- 47.2 (D) * 343 (W) * 282 (H);

Weight

- 4.0 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 installation kit (option);

Warranty

- 2 years;



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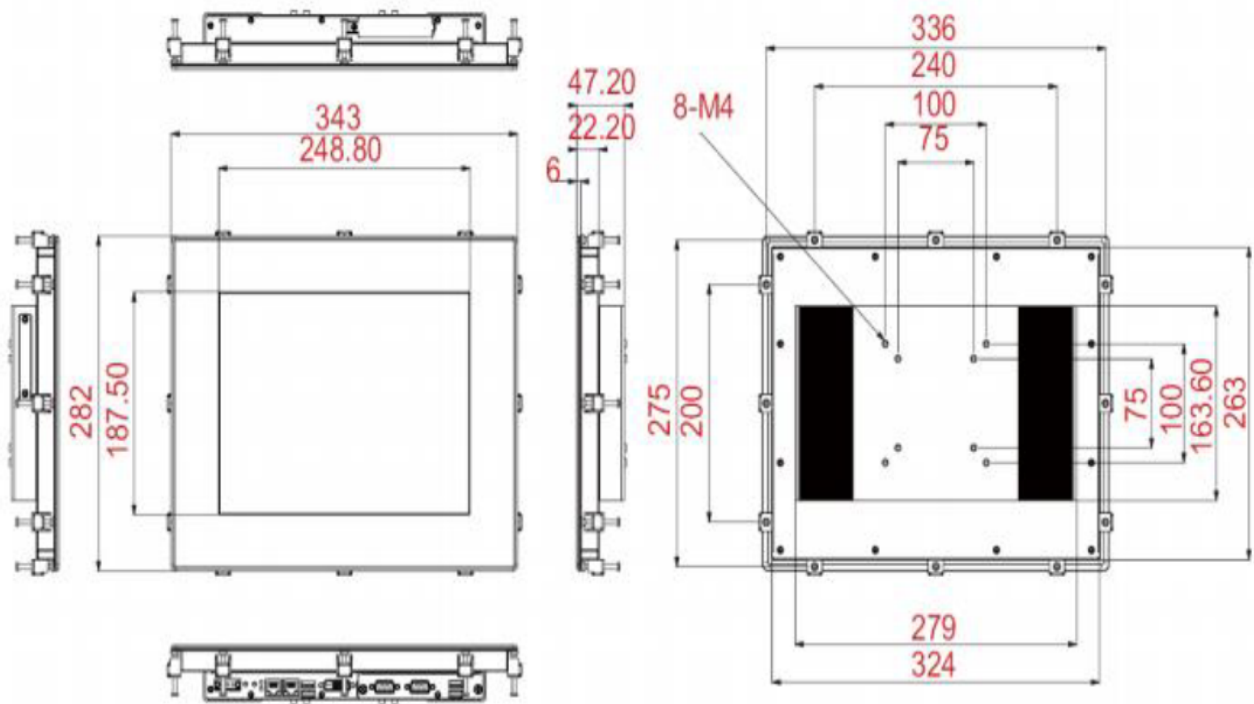
Layout

PPC-12FN (Advantix – powered by Fastwel)



Bottom view

Replaceable expansion ports



PPC-12FN (Advantix - powered by Fastwel) Intel® Atom™ Dual Core D2550 Fanless 12" Panel PC

Ordering information

PPC-12FN (Advantix - powered by Fastwel) Configuration

PPC-12FN \Options

Configurations

PPC-12FN	12" Fanless Panel PC / Atom D2550 1.86GHz / 2GB DDR3 / 500GB HDD;
PPC-12FN-SSD120	12" Fanless Panel PC / Atom D2550 1.86GHz / 2GB DDR3 / 120GB SSD;
96PSA-A65W19P2-2	External power supply unit 19V DC, 100-240V, 65W;
PC-186-ML12	3-pin power cable 1,8m.

Expansion options

	2 x USB 2 x RS-232/422/485 (included into the basic version)
	2 x USB 1 x Line-out 1 x RS-232/422/485
	1 x RS-232 2 x RS-232/422/485

Delivery checklist

PPC-12FN (Advantix - powered by Fastwel) delivery checklist contains:

1. PPC-12FN (Advantix – powered by Fastwel) Fanless 12" Panel PC
2. Phoenix female connector, wall installation kit (option);
3. Packaging.

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Product specifications are subject to change without notice

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