

# PPC-15FN (Advantix - powered by Fastwel)

## Intel® Atom™ Dual Core D2550 Fanless Ultrathin 15" 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: 15", resolution: 1024 x 768, with resistive touchscreen, luminance: 400 cd/m<sup>2</sup>, 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 (w/SSD), +5°C~+40°C (w/HDD);
- Power supply: 12-24V DC;
- OS compatibility: Microsoft Windows XP Embedded, Windows 7 (32 bit);

### Overview

PPC-15FN (Advantix – powered by Fastwel) Intel® Atom™ Dual Core D2550 Fanless Panel PC is equipped with 15" screen with resolution of 1024x768 and is characterized by a stylish ultrathin industrial design and low power consumption (up to 40W 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

- 15", resolution: 1024 x 768, with resistive touchscreen, luminance: 400 cd/m<sup>2</sup>, 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);

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

- 47.6 (D) \* 425.4 (W) \* 330 (H);

#### Weight

- 5.0 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 mounting kit (option);

#### Warranty

- 2 years;



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Ultrathin 15" Panel PC

## Layout

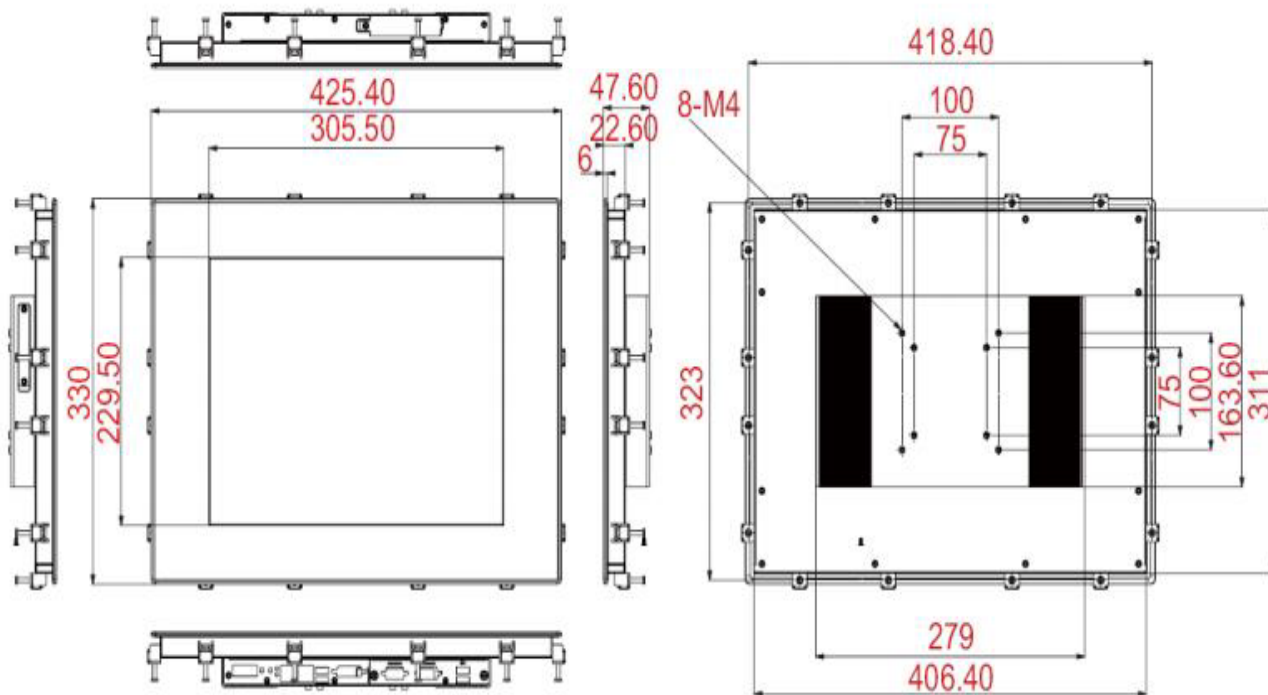
### PPC-15FN (Advantix - powered by Fastwel)



Bottom view



Replaceable expansion ports



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## Ordering information




### PPC-15FN (Advantix - powered by Fastwel) Configuration

#### PPC-15FN \ Options

##### Configurations

<b>PPC-15FN</b>	Fanless Panel PC 15" / Atom D2550 1.86GHz / 2GB DDR3 / 500GB HDD;
<b>PPC-15FN-SSD120</b>	Fanless Panel PC 15" / Atom D2550 1.86GHz / 2GB DDR3 / 120GB SSD;
<b>PPC-15RMKIT</b>	Kit for mounting to the 19" rack, with 1 x USB on the front panel;
<b>96PSA-A65W19P2-2</b>	External power supply unit 19V DC, 100-240V, 65W;
<b>PC-186-ML12</b>	Power cable, 1.8 m.

##### Expansion options

	2 x USB 2.0 2 x RS-232/422/RS485 <b>(included in the basic version)</b>
	2 x USB 2.0 1 x Line-out 1 x RS-232/422/RS485
	1 x RS-232 2 x RS-232/422/RS485

##### Delivery checklist

**PPC-15FN (Advantix - powered by Fastwel) delivery checklist contains:**

1. PPC-15FN (Advantix - powered by Fastwel) Fanless 15" Panel PC
2. Phoenix female connector, wall mounting kit (option)
3. Packaging.

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Product specifications are subject to change without notice

## Corporate offices

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