

# PPC-10FN2 (Advantix - powered by Fastwel)

## Intel® Pentium® N4200 Fanless 10" Panel PC



### Features

- CPU: Intel® Pentium® N4200 / Intel® Celeron® N3350 (option);
- RAM: 4GB (soldered), up to 8GB in total, non ECC;
- Cooling: convection, passive;
- Protection: IP66 - front panel, IP20 - rear panel;
- Screen: 10", 1280 x 800, with resistive touchscreen (capacitive as option), luminance: 300 cd/m<sup>2</sup> (1000 – as option);
- Network: 2 x Ethernet 10/100/1000 Intel® controllers, each on the PCI-E x1 bus;
- Op. temperature: +5°C~+50°C (w/SSD), +5°C~+40°C (w/HDD);
- Power supply: 9-36V DC;
- OS compatibility: Microsoft Windows 10, Linux;

### Overview

PPC-10FN2 (Advantix – powered by Fastwel) Intel® Pentium® N4200 Fanless Panel PC is equipped with 10" screen with resolution of 1280x800 and is characterized by a stylish thin industrial design and low power consumption.

### CPU

- Intel® Pentium® N4200 (4 x cores, 1.1GHz/2.5GHz turbo) – by default;
- Intel® Celeron® N3350 (2 x cores, 1.1GHz/2.4GHz turbo) – option;

### RAM

- 4GB (soldered), up to 8GB in total via the DDR3L-1666/1866 module, non ECC;

### Screen

- 10", resolution 1280 x 800, with resistive touchscreen (ocapacitive as option), luminance: 300 cd/m<sup>2</sup> (1000 – as option), contrast ratio: 800:1 (1000:1 for 1000 cd/m<sup>2</sup>);

### Expansion slots

- 1 x Mini-PCIe internal slot (Full-sized);
- 1 x SIM Card holder (no modem) / Micro SD card reader;

### Disk subsystem

- 1 x bay for 2.5" HDD/SSD SATA, easy access from the rear panel;

### Network

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

### Audio

- 2-channel, Realtek® HD Audio;

### Ports

- Standard:
- 2 x USB 3.0 type A;
  - 2 x LAN (RJ-45);
  - 2 x COM (COM1: RS-232/422, RS485 DB9 / COM2: RS232 DB9);
- There are other additional expansion options (see below);

### Watchdog

- programmable;

### Power supply

- 9-36V DC;
- 1 x 2-pin connector for remote activation/deactivation

### Cooling

- Convection, passive;

### Operating temperature range

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

### Storage temperature

- from -20°C to +60°C;

### Dimensions

- 48.9 (D) \* 285 (W) \* 189 (H);

### Weight

- 4.2 kg;

### Version design

- Aluminum housing, connector for VESA mount 100 x 100;

### Protection

- IP66 for the front panel, IP20 for the rear panel;

### OS compatibility

- Microsoft Windows 10;
- Linux;

### Delivery checklist

- Phoenix female connector, panel installation kit, kit for installation to the 19" rack (option), power supply unit;

### Warranty

- 2 years;



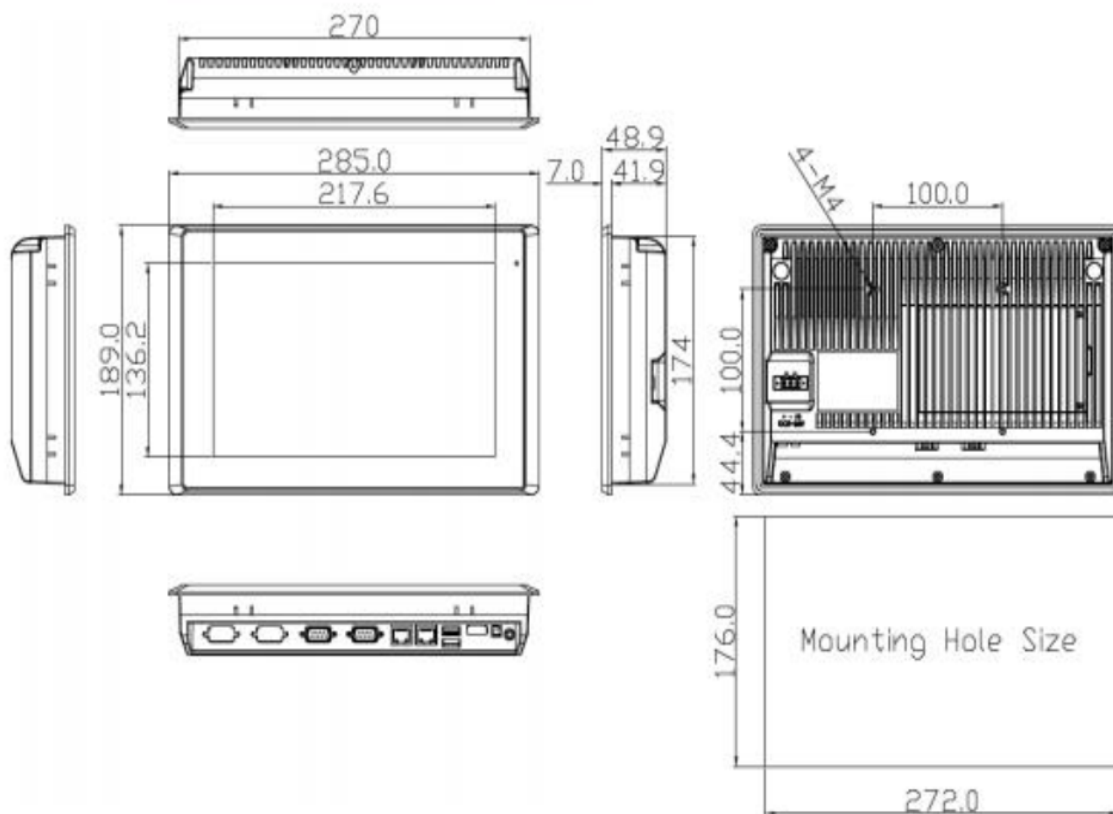
# PPC-10FN2 (Advantix - powered by Fastwel) Intel® Pentium® N4200 Fanless 10" Panel PC

## Layout

### PPC-10FN2 (Advantix – powered by Fastwel)



Rear view



# PPC-10FN2 (Advantix - powered by Fastwel)

## Intel® Pentium® N4200 Fanless 10" Panel PC

### Ordering information

### PPC-10FN2 (Advantix - powered by Fastwel) Configuration

#### PPC-10FN2 \Options

##### Configurations

PPC-10FN2	Fanless 10" Panel PC with LCD/Resistive Touch / Pentium N4200 (1.1 GHz) / 4GB / 120GB SSD/ 2xLAN / 2xCOM / 2xUSB / power supply unit, +5...+40;
PPC-10FN2-xxx / PPC-XXXXXXX	Fanless Panel PC in custom configuration.

##### Expansion options

- Option 1: 2 x RS-232 DB9;
- Option 2: 2 x RS-232/422/RS485 DB9;
- Option 3: 2 x CAN bus DB9;
- Option 4: 2 x USB 2.0 type A / 1 x RS-232 DB9;
- Option 5: Battery 21W / 10.8W / 1.95Ah (not to be combined with the options above);
- Option 6: Front panel for mounting to the 19" rack.

##### Delivery checklist

**PPC-10FN2 (Advantix - powered by Fastwel) delivery checklist contains:**

1. PPC-10FN2 (Advantix – powered by Fastwel) Fanless 10" Panel PC;
2. Phoenix female connector, panel installation kit, kit for installation to the 19" rack (option), power supply unit;
3. Packaging.

### Corporate offices

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Product specifications are subject to change without notice



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