

PPC-E18S (Advantix - powered by Fastwel)

Intel® Core™ i3-6100U High-Performance 18.5" Fanless Panel PC



Features

- CPU: Intel® Core™ i3-6100U/Intel® Core™ i5-6300U (option);
- Audio: Realtek® 269Q HD Audio;
- RAM: 4 – 16GB, 1 x module SO-DIMM DDR4 2133, non ECC;
- Protection: IP66 for front panel and IP20 for rear panel;
- Screen: 18.5" widescreen, res.:1366x768, resistive touchscreen (option: 1920 x 1080), luminance: 300 cd/m², C/R: 1000:1;
- Network: 2 x Ethernet 10/100/1000 Intel® 82574L controllers (PCIe bus);
- Op. temperature: +5°C ~ +40°C (w/SSD), +5°C~+50°C (option);
- Power supply: 9-36 V DC;
- OS compatibility: Microsoft Windows 7, Windows 8.1, Windows 10, Linux;

Overview

PPC-E18S (Advantix - powered by Fastwel) Intel® Core™ i3-6100U Fanless High-Performance Panel PC is equipped with a 18.5" resistive touchscreen with resolution of 1366 x 768 and is characterized by a stylish industrial design and aluminum front panel with IP66 protection.

Technical Specifications

CPU

- Intel® Core™ i3-6100U (2.3GHz, 3 MB cache, 2 x Hyper-Threading cores);
- Option: Intel® Core™ i5-6300U (2.4–3.0GHz, 3 MB cache, Hyper-Threading);

RAM

- 4 – 16GB, 1x module SO-DIMM DDR4 2133, non ECC;

Screen

- 18.5" widescreen, resolution: 1366 x 768, with resistive touchscreen (option 1920 x 1080), luminance 300 cd/m², contrast ratio 1000:1;

Expansion slots

- 1x Mini PCIe full size;

Disk subsystem

- 1 x bay for 2.5" HDD/SSD SATA, access from rear panel;
- 1 x mSATA (operates in the mPCI or mSATA modes, mSATA by default);

Network

- 2 x Ethernet 10/100/1000 Intel® 82574L controllers (PCIe bus);

Audio

- Realtek® 269Q HD Audio;

Ports

- 2 x USB 3.0;
- 1 x HDMI / Display Port (two in one);
- 2 x LAN (RJ-45);
- 2 x COM (1 x RS-232/422/485, 1 x RS-232);
- 1 x Line Out (mini jack);
- Option:
 - COM 3/4 (2 x RS-232);
 - CAN, DIO 8 bit, Li-battery;

Watchdog

- programmable;

Power supply

- 9-36V DC;

Cooling

- Convection, passive;

Operating temperature range

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

Storage temperature

- from -20°C to +60°C;

Dimensions

- 72 (D) * 499.6 (W) * 314.6 (H);

Weight

- 6.8 kg net weight;

Version design

- Aluminum housing, connector for VESA mount 100x100;

Protection

- IP66 for front panel and IP20 for rear panel;

OS compatibility

- Microsoft Windows 7;
- Windows 8.1;
- Windows 10;
- Linux;

Delivery checklist

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

Warranty

- 2 years;



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Intel® Core™ i3-6100U High-Performance
18.5" Fanless Panel PC

Layout

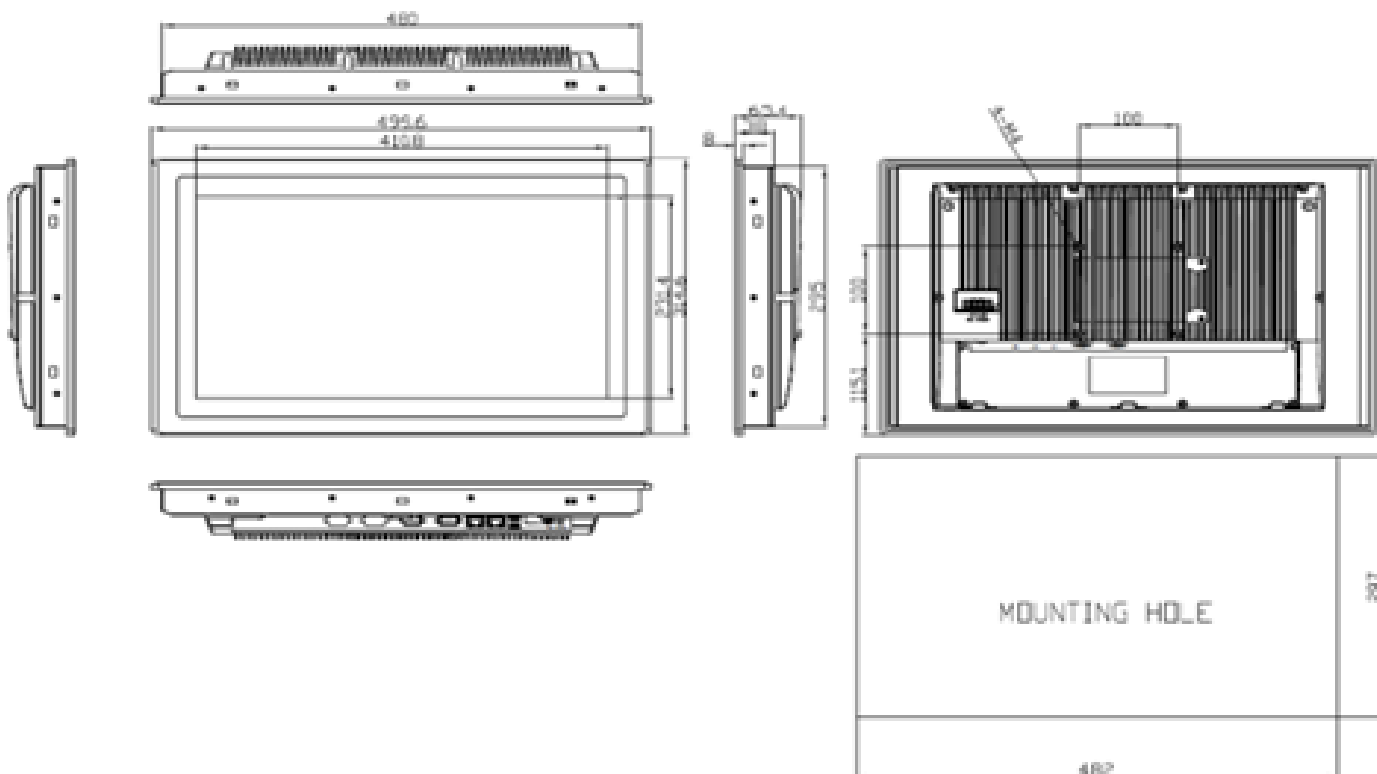
PPC-E18S (Advantix – powered by Fastwel)



Rear view



Access to SSD/HDD



PPC-E18S (Advantix - powered by Fastwel)

Intel® Core™ i3-6100U High-Performance

18.5" Fanless Panel PC

Ordering information

PPC-E18S (Advantix - powered by Fastwel) Configuration

PPC-E18S \Options

Configurations	
PPC-E18S	18.5" Fanless Panel PC / Core i3-6100U 2.3GHz / 8GB DDR4 / 240GB SSD / power supply unit / power cable;

Delivery checklist

PPC-E18S (Advantix - powered by Fastwel) delivery checklist contains:

1. PPC-E18S (Advantix – powered by Fastwel) 18.5" Fanless Panel PC
2. Phoenix female connector, panel mounting kit, kit for mounting to the 19" rack (option), power supply unit, power cable
3. Packaging.

Corporate offices

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