

# PPC-E17S (Advantix - powered by Fastwel)

## Intel® Core™ i3-6100U High-Performance 17" Fanless Panel PC



### Overview

PPC-E17S (Advantix - powered by Fastwel) Intel® Core™ i3-6100U Fanless High-Performance Panel PC is equipped with a 17" resistive touchscreen with resolution of 1280x1024 and is characterized by a stylish industrial design and aluminum front panel with IP66 protection.

### 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: 17", resolution 1280 x 1024, with resistive touchscreen, luminance: 350 cd/m<sup>2</sup>;
- 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;

### 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

- 17", resolution 1280 x 1024, with resistive touchscreen, luminance: 350 cd/m<sup>2</sup>;

#### 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

- 64,8 (D) \* 439 (W) \* 348 (H);

#### Weight

- 6.4 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;



# PPC-E17S (Advantix - powered by Fastwel)

Intel® Core™ i3-6100U High-Performance 17" Fanless Panel PC

## Layout

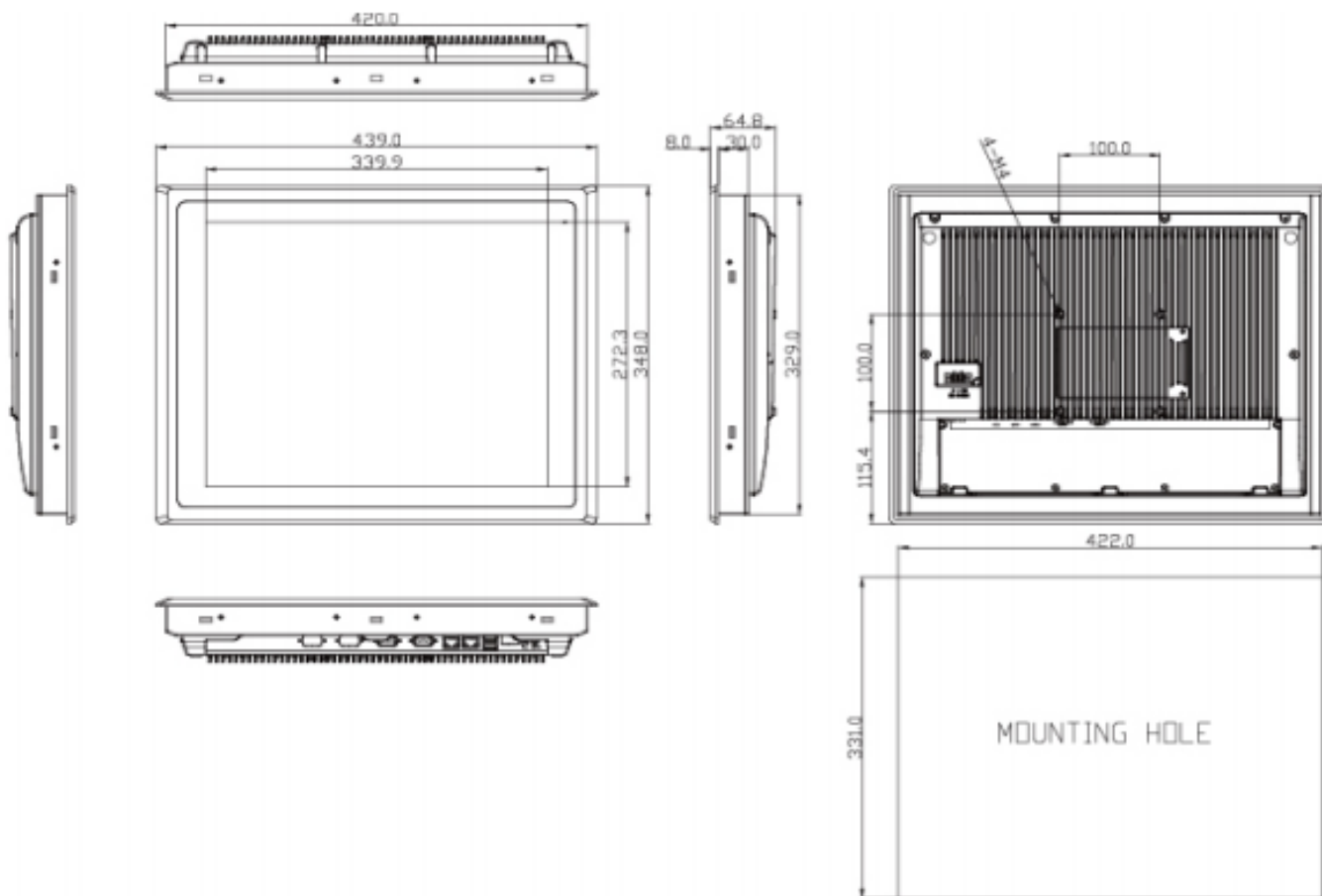
### PPC-E17S (Advantix – powered by Fastwel)



Rear view



Access to SSD/HDD



# PPC-E17S (Advantix - powered by Fastwel)

## Intel® Core™ i3-6100U High-Performance 17” Fanless Panel PC

### Ordering information

### PPC-E17S (Advantix - powered by Fastwel) Configuration

#### PPC-E17S \Options

| Configurations |                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------|
| PPC-E17S       | 17” Fanless Panel PC / Core i3-6100U 2.3GHz / 8GB DDR4 / 240GB SSD / power supply cable / power cable; |

#### Delivery checklist

PPC-E17S (Advantix - powered by Fastwel) delivery checklist contains:

- 1. PPC-E17S (Advantix – powered by Fastwel) 17” 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

**FASTWEL GROUP Co., Ltd**  
108 Profsoyuznaya str.  
Moscow, Russia 117437  
Tel: +7 (495) 232-1681  
Fax: +7 (495) 232-1654  
E-mail: [info@fastwel.com](mailto:info@fastwel.com)  
Web: [www.fastwel.com](http://www.fastwel.com)

