

# PPC-E21S (Advantix - powered by Fastwel)

## Intel® Core™ i3-6100U High-Performance 21.5" Expandable Fanless Panel PC



### Features

- CPU: Intel® Core™ i3-6100U/Intel® Core™ i5-6300U;
- Audio: Realtek® 269Q HD Audio;
- RAM: 4 – 16 GB, 1 x module SO-DIMM DDR4 2133, non ECC;
- Protection: IP66 for front panel and IP20 for rear panel;
- Screen: 21.5", widescreen, 1920 x 1080, resistive touchscreen (option: capacitive), luminance: 300 cd/m<sup>2</sup>, C.R.: 3000:1;
- 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-E21S (Advantix - powered by Fastwel) Intel® Core™ i3-6100U Fanless High-Performance Panel PC is equipped with a 21.5" resistive touchscreen with resolution of 1920x1080 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 – 16 GB, 1 x module SO-DIMM DDR4 2133, non ECC;

#### Screen

- 21.5", widescreen, resolution: 1920 x 1080, with resistive touchscreen (option: capacitive);
- Luminance: 300 cd/m<sup>2</sup>, contrast ratio: 3000:1;

#### 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

- 64.8 (D) \* 557 (W) \* 362 (H);

#### Weight

- 7.8 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 19" rack (option), power supply unit, power cable;

#### Warranty

- 2 years;

# PPC-E21S (Advantix - powered by Fastwel) Intel® Core™ i3-6100U High-Performance 21.5” Expandable Fanless Panel PC

## Layout

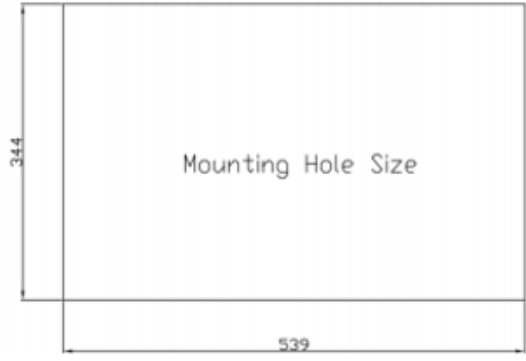
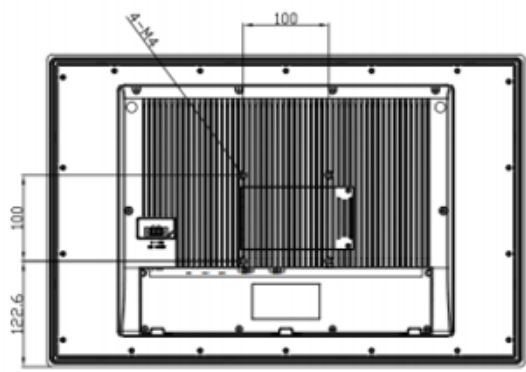
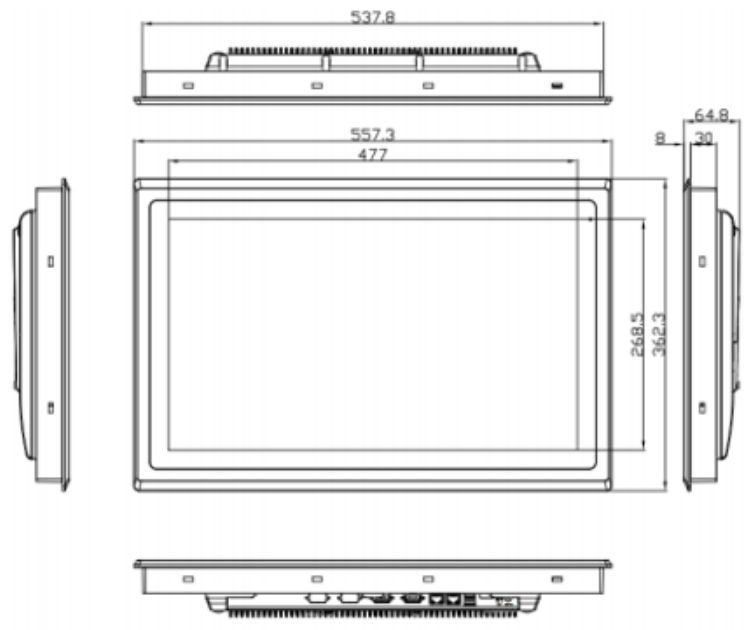
### PPC-E21S (Advantix – powered by Fastwel)



Rear view



Access to SSD/HDD



Mounting Hole Size

# PPC-E21S (Advantix - powered by Fastwel) Intel® Core™ i3-6100U High-Performance 21.5” Expandable Fanless Panel PC

## Ordering information

### PPC-E21S (Advantix - powered by Fastwel) Configuration

#### PPC-E21S \ Options

##### Configurations

##### PPC-E21S

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

#### Delivery checklist

##### PPC-E21S (Advantix - powered by Fastwel) delivery checklist contains:

1. PPC-E21S (Advantix – powered by Fastwel) 21.5" Fanless Panel PC
2. Phoenix female connector, panel mounting kit, kit for mounting to 19" rack (option), power supply unit, power cable
3. Packaging.

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Product specifications are subject to change without notice

## Corporate offices

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