



## Features

- Industrial-grade 15.6" FHD LCD panel with 50k backlight lifetime
- Optical bonding PCAP multipoint touch screen
- 6th Gen Intel® Skylake Core™ i5-6200U dual-core 2.3GHz processor
- 1 x DDR4 SDRAM, max.32GB, 1 x mSATA SSD
- SP13 I/O ports: 2 x LAN / 2 x USB / 1 x COM
- Full device IP66/IP69K with Strong aluminum alloy casing
- Wide Operating Temperature -20°C to 70°C
- 12V to 24V DC Wide Range Power Input

## Specifications

| System                          |  |
|---------------------------------|--|
| CPU                             | 6th Gen Intel® Skylake Core i5-6200U Dual Core 2.3GHz  |
| L2 Cache                        | 3.0MB  |
| TDP                             | 15W  |
| System Chipset                  | Integrated with Intel® SoC                             |
| Memory                          | 1 x DDR4L 2133MHz 4GB, Up to 32GB                      |
| Harddisk                        | 1 x mSATA 128G SSD / (250G / 500G / 1TB SSD)           |
| Graphics                        | Intel HD Graphics 520                                  |
| Network                         | Intel® I211-AT GbE LAN                                 |
| Audio                           | Realtek ACL662 Audio controller                        |
| Watchdog Timer                  | Software Programmable Supports 1~255 sec. System Reset |
| Operation System                | Windows 7 / 8 / 10 , Linux, Ubuntu                     |
| I/O                             |  |
| VIDEO                           | 1 x H-DMI ( Optional )                                 |
| Ethernet                        | 2 x SP13 Waterproof Giga LAN RJ45 Connector            |
| USB                             | 2 x SP13 Waterproof Connector For USB2.0               |
| COM                             | 1 x SP13 Waterproof Connector For COM                  |
| Wireless Network                | Optional ( WiFi / Bluetooth / 4G )                     |
| Other I/O Interface             | 1 x Power Switch                                       |
| Expansion                       |  |
| mPCe                            | 1 x mPCe ( Wifi+BT+4G )                                |
| SIM Socket                      | 1x SIM Socket  |
| Display                         |  |
| LCD Size                        | 15.6" ( 16:9 )   |
| Resolution                      | 1920 x 1080 ( FHD )                                    |
| Brightness (cd/m <sup>2</sup> ) | 450 cd/m <sup>2</sup>                                  |
| Contrast Ratio                  | 1000:1   |
| Backlight MTBF                  | 50000 hrs  |
| Viewing Angle                   | 89 / 89 / 89 / 89 (CR≥10) ( L / R / U / D )            |
| Touch screen                    |  |
| Touch Type                      | Optical bonding PCAP Touch                             |
| Surface Hardness                | ≥7H  |

| Power                 |   |
|-----------------------|---|
| Power Adapter         | 1 x Optional AC/DC 12V/5A , 60W                         |
| Power Input           | 2-Pin SP13 Power Input 12~24VDC                         |
| Power Consumption     | ≤40W  |
| Physical              |   |
| Material              | Aluminum Alloy Shell                                    |
| Mounting              | Stand / Wall / VESA                                     |
| Dimension (W x H x D) | 398 x 248 x 40 mm                                       |
| Packing Size          | 460 x 180 x 400 mm                                      |
| Weight (Net)          | 7.0 KG  |
| Environment           |   |
| Operating Temperature | -20~70°C ( -4~158°F )                                   |
| Storage Temperature   | -30~80°C (-22~176°F)                                    |
| Relative Humidity     | 5%~95%@40°C, non-condensing                             |
| Vibration Protection  | 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis |
| IP Level              | IP66 / IP69K  |
| EMC                   | CE, FCC, Class A, ROHS                                  |

### Dimension & I/O

**I / O Definition:**

|                     |                     |
|---------------------|---------------------|
| A: Power Button     | B: Breather Valve   |
| C: COM ( optional ) | D: USB ( optional ) |
| E: USB ( optional ) | F: LAN ( optional ) |
| G: LAN ( optional ) | H: DC 12V~24V       |

**Product Dimensions: 398 x 248 x 40 mm ( 15.67 x 9.76 x 1.57 in )**

### Ordering info

| Available models | Description   |
|------------------|---|
| WPC-P156WAC      | 15.6" Fanless Waterproof Industrial PC 6th Gen Intel® Skylake Core i5-6200U 2.3GHz Processor With Capcice touch |

### Packing list

|                                  |
|----------------------------------|
| 1 x Standard product             |
| 1 x 60W PSU (Power Supply)       |
| 2 x SP13 Waterproof USB Cable 2M |
| 1 x SP13 Waterproof COM Cable 2M |
| 2 x SP13 Waterproof LAN Cable 2M |