



Features

- Industrial-grade 21.5" FHD LCD panel with 50k backlight lifetime
- High precision 5-wires resistive touch, EETI controller
- 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 IP67 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 | 21.5" (16:9) |
| Resolution | 1920 x 1080 (FHD) |
| Brightness (cd/m ²) | 400 cd/m ² |
| Contrast Ratio | 1000:1 |
| Backlight MTBF | 50000 hrs |
| Viewing Angle | 89 / 89 / 89 / 89 (CR≥10) (L / R / U / D) |
| Touch screen | |
| Touch Type | 5 wire Resistive touch |
| Surface Hardness | ≥3H |

| 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) | 535 x 327 x 42 mm |
| Packing Size | 630 x 180 x 470 mm |
| Weight (Net) | 8.5 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 | IP67 / 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: 535 x 327 x 42 mm (21.06 x 12.87 x 1.65 in)

Ordering info

| Available models | Description |
|------------------|---|
| WPC-P215WAR | 21.5" Fanless Waterproof Industrial PC 6th Gen Intel® Skylake Core i5-6200U 2.3GHz Processor With Resistive 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 |