



Features

- Industrial-grade 15" XGA LCD panel with 50k backlight lifetime
- Optical bonding PCAP multipoint touch screen
- 12th Gen Intel® Alder Lake Core™ i3 / i5 processor
- 2 x DDR5 SDRAM, max.64GB, 1 x M.2 2280 NVMe or SATA SSD
- M12 I/O ports: 2 x LAN / 2 x USB / 1 x COM
- Full device IP66/IP69K with Stainless Steel SUS304/316 construction
- Support TPM2.0 hardware security
- Wide Operating Temperature -20°C to 70°C
- 9V to 36V DC Wide Range Power Input, Supporting OVP / OCP / RPP

Specifications

| System | | |
|---------------------|---|--|
| CPU | 12th Gen Intel® Alder Lake Core™ i3-1215U 1.2GHz | 12th Gen Intel® Alder Lake Core™ i5-1235U 1.3GHz |
| L2 Cache | 10MB | 12MB |
| TDP | 15W | 15W |
| Graphics | Intel® UHD Graphics | Intel® Iris® Xe Graphics |
| System Chipset | Integrated With Intel® SoC | |
| Memory | 2 x DDR5 4800 MHz 8GB, Up to 64GB | |
| Harddisk | 1 x M.2 128G SSD (250G / 500G / 2TB SSD) | |
| Network | Intel® 226-V GbE LAN | |
| Audio | Realtek ALC897 Audio controller | |
| TPM | TPM 2.0 | |
| Watchdog Timer | Software Programmable Supports 1~255 sec. System Reset | |
| Operation System | Windows 10 / 11, Linux, Ubuntu | |
| I/O | | |
| VIDEO | 1 x H-DMI (Optional) | |
| Ethernet | 2 x M12 Waterproof Giga LAN RJ45 Connector | |
| USB | 2 x M12 Waterproof Connector For USB2.0 | |
| COM | 1 x M12 Waterproof Connector For COM | |
| Wireless Network | Optional (WiFi / Bluetooth / 4G / 5G) | |
| Other I/O Interface | 1 x Power Switch | |
| Expansion | | |
| M.2 | 1*M.2 (Key-E, 2230, PCIe+USB, Wifi+BT) | |
| | 1*M.2 (Key-B, 3042/3052, PCIe/ USB 3.0+USB2.0, 4G/5G) | |
| | 1*M.2 (Key-M, 2280, NVMe / SATA, SSD) | |
| SIM Socket | 1x SIM Socket | |
| Display | | |
| LCD Size | 15" (4:3) | |
| Resolution | 1024 x 768 | |
| Brightness (cd/m²) | 350 cd/m² | |
| Contrast Ratio | 1000:1 | |
| Backlight MTBF | 50000 Hr (min.) | |
| 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 Input | 1 x M12 Waterproof Connector For 9V~36V DC |
| Power Mode | Support AT, ATX Mode |
| Power Protection | OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection) |
| Power Consumption | ≤45W |
| Physical | |
| Material | Inox / SUS304 / SUS316 (Optional) |
| Mounting | Stand / Wall / VESA / Yoke |
| Dimension (W x H x D) | 359 x 283 x 45 mm |
| Packing Size | 460 x 180 x 400 mm |
| Weight (Net) | 6.5 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 | IP66 / IP69K |
| EMC | CE, FCC, Class A, ROHS |

Dimension & I/O

I / O Definition:

| | |
|---------------------|---------------------|
| A: Power Switch | B: Breather Valve |
| C: LAN (optional) | D: LAN (optional) |
| E: USB (optional) | F: USB (optional) |
| G: COM (optional) | H: DC 9V-36V |

Product Dimensions: 359 x 283 x 45 mm (14.13 x 11.14 x 1.77 in)

Ordering info

| Available models | Description |
|------------------|---|
| WPC-3015SDC | 15" Fanless Stainless Steel HMI 12th Gen Intel® Alder Lake Core™ i3-1215U 1.2GHz Processor With Capcice touch |
| WPC-5015SDC | 15" Fanless Stainless Steel HMI 12th Gen Intel® Alder Lake Core™ i5-1235U 1.3GHz Processor With Capcice touch |

Packing list

| |
|---|
| 1 x Standard product |
| 1 x 60W PSU (Power Supply) |
| 2 x M12 Waterproof LAN Cable 2M |
| 2 x M12 Waterproof USB Cable 2M |
| 1 x M12 Waterproof COM Cable 2M |
| 1 x Waterproof HDMI Cable 2M (optional) |