



Features

- Industrial-grade 15" XGA LCD panel with 50k backlight lifetime
- Optical bonding PCAP multipoint touch screen
- Intel® Celeron® J6412 quad-core 2.0 GHz processor
- 1 x DDR4 SDRAM, max.32GB, 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 | Intel® Elkhart Lake Celeron J6412 Quad-core 2.0GHz , TDP 10W |
| L2 Cache | 1.5MB |
| System Chipset | Integrated with Intel® SoC |
| Memory | DDR4L 3200MHz 4GB, MAX 32GB |
| Harddisk | 1 x M.2 120G SSD (250G / 500G / 2TB SSD) |
| Graphics | Intel® UHD Graphics for 10th Gen Intel® Processors |
| Network | Intel® 226-V GbE LAN |
| Audio | Realtek ACL897 Audio controller |
| TPM | TPM 2.0 |
| 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/m ²) | 350 cd/m ² |
| 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 Protection | OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection) |
| Power Consumption | ≤35W |
| 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

The technical drawing includes three views of the device: a front view showing a 15-degree chamfered corner and dimensions of 359.00 mm width and 283.00 mm height; a side view showing a thickness of 45.00 mm and two M5.0 screws; and a top view showing the layout of I/O ports labeled A through H. The top view also indicates a 100.00 mm spacing between ports B and C, and between C and D.

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-C015SDC | 15" Fanless Stainless Steel HMI Intel® Celeron J6412 2.0GHz Processor With Capacitive 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 |