



Features

- 23.8" PCAP Touchscreen
- Die Cast Aluminum Housing and IP66 Rated Front Bezel
- Designed for flexible IO expansion
- Windows 11 Capabilities

Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz, Up to 2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 SATA3 2242 Slot
Storage Support	M.2: 256GB-1TB

Display

Screen Size	23.8"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
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External I/O Ports

USB	2x USB 2.0, 2x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	RS-232 Default/RS-422/RS-485
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort
Audio Ports	1x 3.5mm Audio Line-Out
Power Input Port	DC-in Jack (Phoenix Type)

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	12Vdc 5Amp, 60W US AC Power Cord

Battery

Battery Type

Optional Internal Battery

Operating Systems

Windows

Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

Compatibility

Security Hardware

TPM 2.0

Expansion Slots

Internal M.2

1x M.2 2230 Key E (for WiFi expansion option)

SD card

1x Micro SD Slot

Multimedia

Speakers

1x 2W Speaker

Thermal & Environmental

Operating Temperature

0°C - 50°C (32°F – 122°F)

Storage Temperature

-30°C - 70°C (-22°F – 158°F)

Cooling Solution

Passive – Fanless with Heatsink

Humidity Range

10% – 95% Non-condensing

Enclosure

Material

Aluminum

IP Rating

IP66 Front Bezel

Color

Gray

Mounting Options

Panel Mount, VESA 100 Mount

Peripherals & Wireless Connectivity

WiFi

Optional WiFi 5 or 6

Bluetooth

Optional Bluetooth 4.0, Optional Bluetooth 5.3

Weight / Dimensions

Weight

14.8 kg (32.6 lbs)

Dimensions

640 x 65.1 x 395 mm (25.2 x 2.6 x 15.6 in)

Certification

Certifications

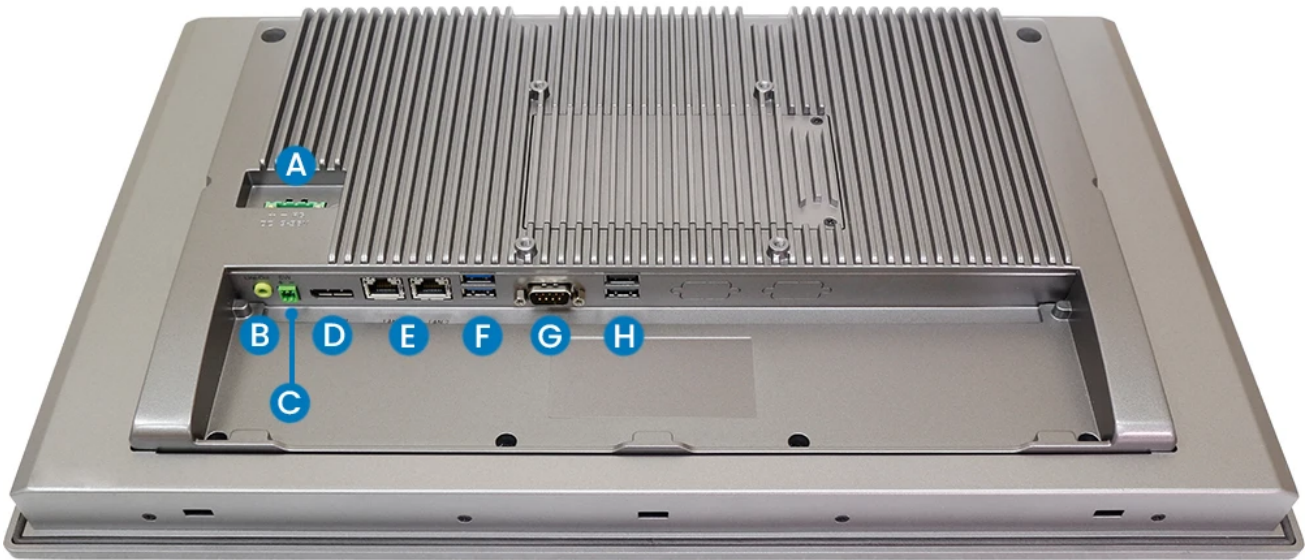
CE, FCC, UL 62368

Warranty

Warranty

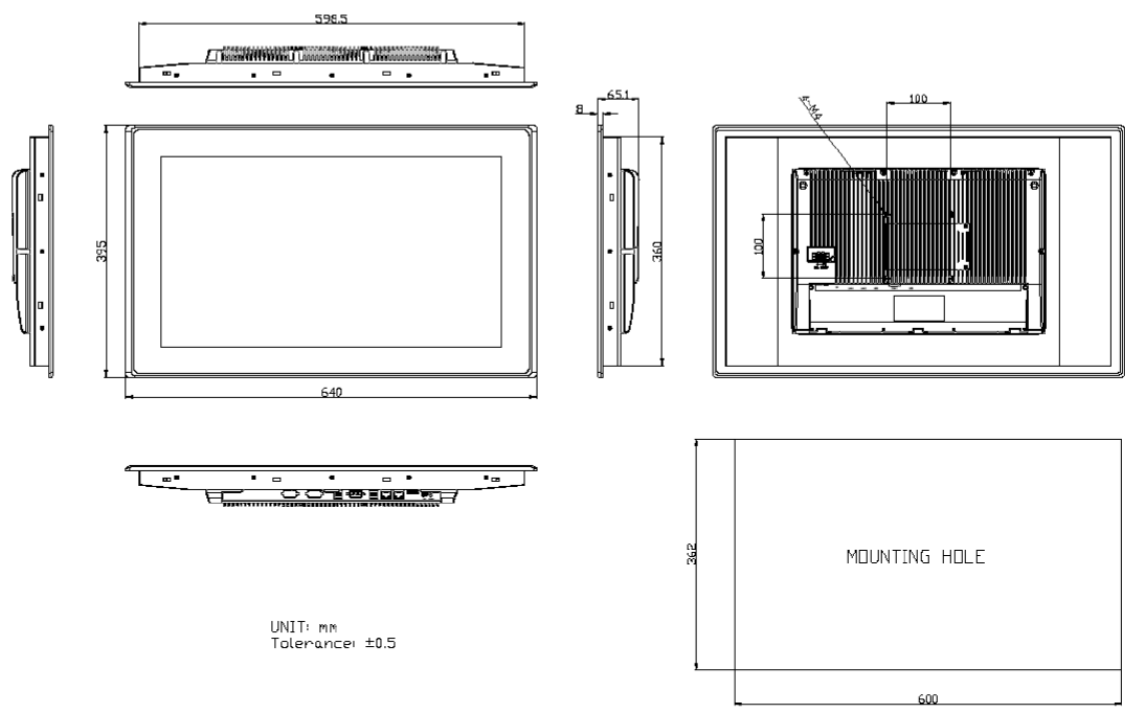
Up to 5 Years

I/O Diagram Images



- | | |
|------------------------------|-----------------------|
| A DC In | E LAN (x2) |
| B Audio Line Out | F USB 3.2 (x2) |
| C Remote Power Switch | G COM |
| D Display Port | H USB 2.0 (x2) |

Tech Diagram Images



All specifications are subject to change without notice.