



Features

- 21.5” Resistive or 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	Up to 2.6 GHz, 2.0 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	21.5
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	Optional 1000 nit High Brightness, 250 nits

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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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-232/422/485 (Default RS-232; select via BIOS)
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort, supports DP++
Audio Ports	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V AC/DC Adapter, 5A, 60W

Battery

Battery Type

Optional Internal Battery

Operating Systems

Windows

Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

Expansion Slots

Internal M.2

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

Multimedia

Speakers

Optional Speaker

Thermal & Environmental

Operating Temperature

0°C - 50°C (32°F – 122°F), -20°C - 60°C (Optional -4°F – 140°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

Bluetooth

Optional Bluetooth 4.0

Weight / Dimensions

Weight

7.5 kg (16.5 lbs)

Dimensions

557.3 x 64.8 x 362.3 mm (21.9 x 2.6 x 14.3 in)

Certification

Certifications

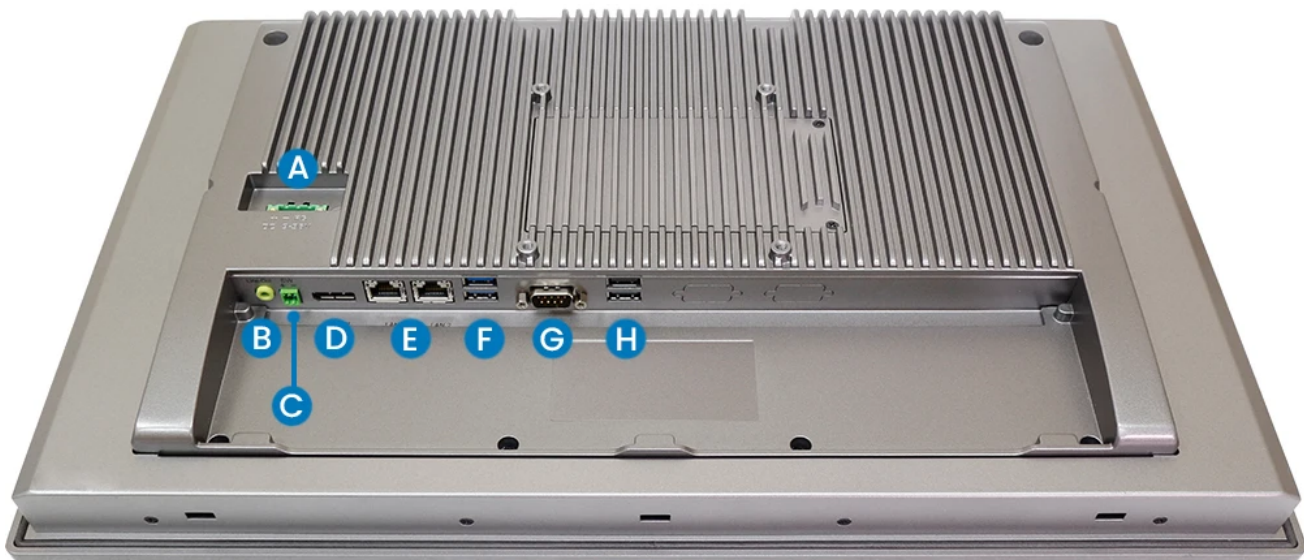
CE, FCC, UL 62368

Warranty

Warranty

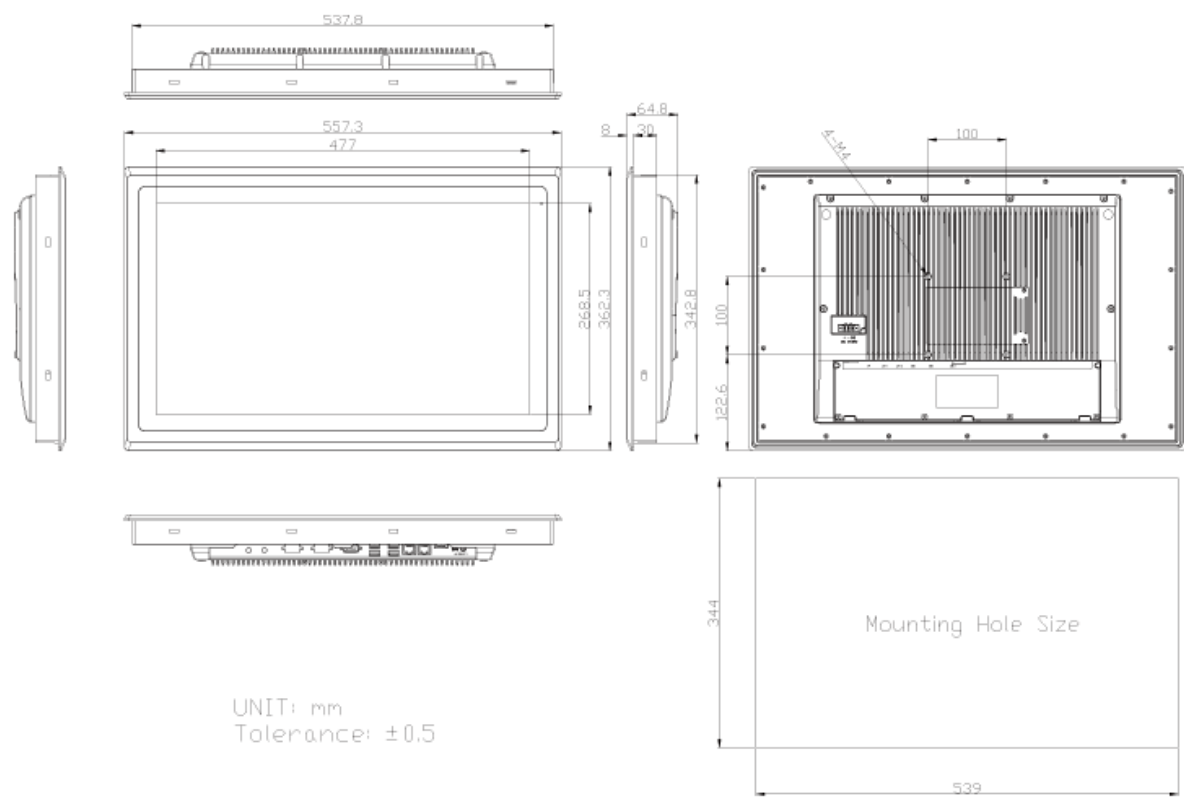
Up to 5 Years

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.