



Features

- 15.6" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Quad Core Processor
- Designed for flexible IO expansion
- Windows 11 Capabilities
- Die Cast Aluminum Housing and IP66 Rated Front Bezel

Technical Specifications

General

Main Category            Industrial Computer

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            15.6"  
Resolution            1920 x 1080 (Full HD)  
Screen Ratio            16:9  
Brightness            300 nits, Optional 1000 nit  
                              High Brightness  
Contrast Ratio        500:1  
Viewing Angle        160° (H), 160° (V)  
Number of Colors      16.7M  
Supported

Expansion Slots

Internal Mini PCIe      1x Mini-PCIe  
Internal M.2            1x M.2 2230 Key E (for WiFi  
                              expansion option)

Multimedia

Speakers                Optional Speaker

Thermal and Environmental

Operating                Array  
Temperature            (32°F – 122°F; Optional -4°F –  
                              140°F)  
Storage Temperature    Array  
                              (-22°F – 158°F)  
Humidity Range        10% – 95% Non-condensing  
Cooling Solution        Passive – Fanless with Heatsink

Touch Screen

|                    |                                        |
|--------------------|----------------------------------------|
| Touch Screen       | Projected Capacitive, Resistive        |
| Light Transmission | Over 80% (Resistive), Over 90% (P-Cap) |
| Lifetime Usage     | 50,000 hrs                             |

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                  | 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

|      |                           |
|------|---------------------------|
| Type | Optional Internal Battery |
|------|---------------------------|

Operating Systems

|         |                                                |
|---------|------------------------------------------------|
| Windows | Windows 11 Pro, Windows 10 IoT, Windows 10 Pro |
|---------|------------------------------------------------|

Compatibility

Enclosure

|                  |                            |
|------------------|----------------------------|
| Material         | Aluminum                   |
| Ip Rating        | IP66 Front Bezel           |
| Color            | Gray                       |
| Mounting Options | Panel Mount, VESA 75 Mount |

Peripherals & Wireless Connectivity

|           |                        |
|-----------|------------------------|
| WiFi      | Optional WiFi          |
| BlueTooth | Optional Bluetooth 4.0 |

Dimensions / Weight

|            |                                              |
|------------|----------------------------------------------|
| Weight     | 4.6 KG (10.1 lbs)                            |
| Dimensions | 412 x 277.5 x 58.9 mm (16.2 x 10.9 x 2.3 in) |

Certification

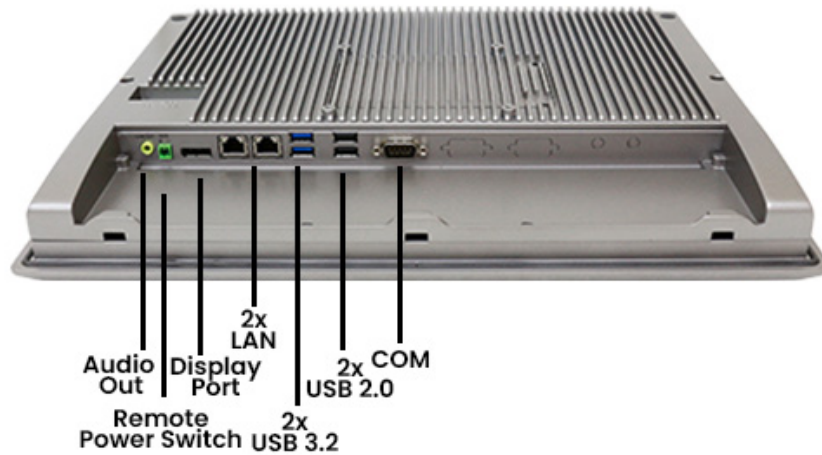
Warranty

|          |               |
|----------|---------------|
| Warranty | Up to 5 Years |
|----------|---------------|

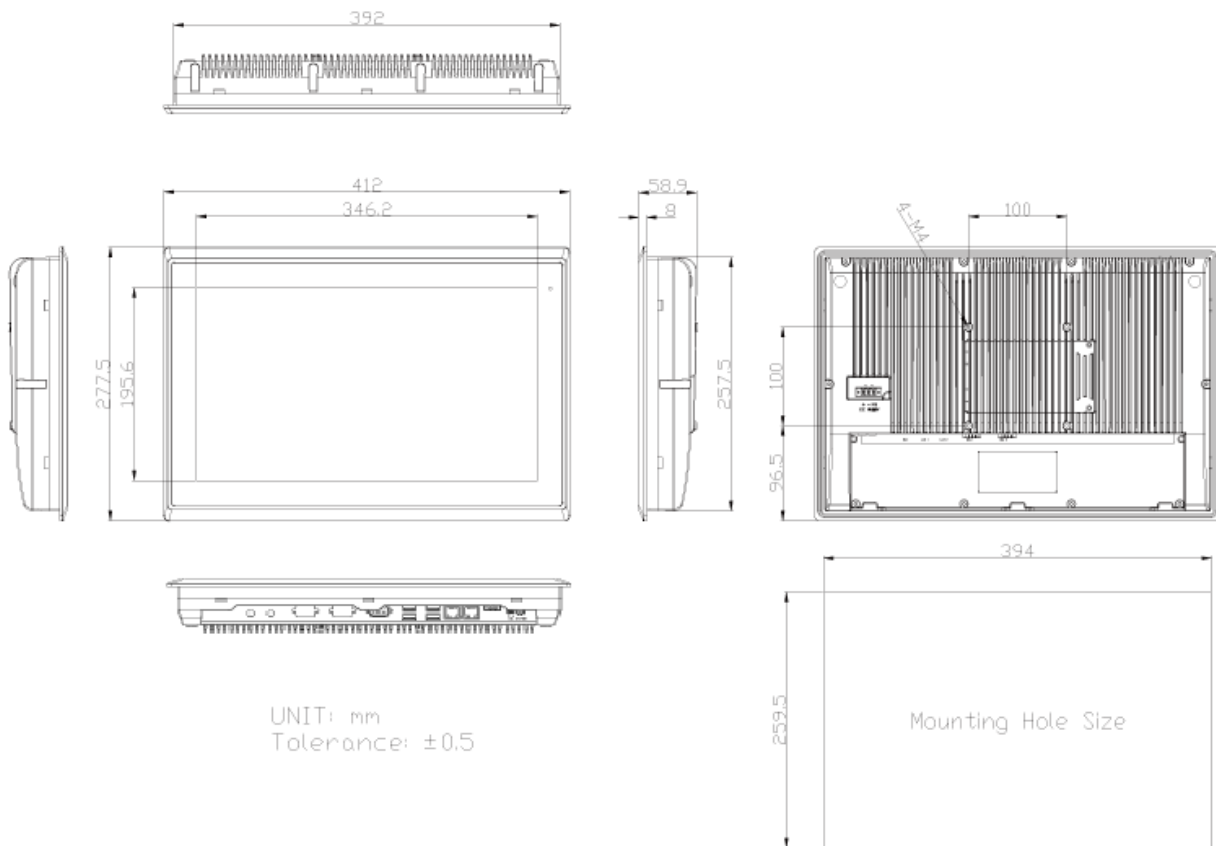
Filters

|                      |                     |
|----------------------|---------------------|
| Main Category Filter | Industrial Computer |
|----------------------|---------------------|

## Inputs / Outputs



## Technical Drawings



*All specifications are subject to change without notice.*