



Features

- 15" Resistive or P-Capacitive Touchscreen Display
- Fanless Cooling System
- Intel Celeron J6412 Processor
- Multiple Inputs and Outputs including 4x USB, 1 Gb LAN, 2.5 Gb LAN, 3x COM and more
- Windows 11 Capabilities

Technical Specifications

Primary Components

|                  |                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------|
| Processor Family | Intel Celeron Elkhart Lake                                                                             |
| Processor Model  | Celeron J6412                                                                                          |
| Processor Speed  | 2.0 GHz                                                                                                |
| Memory Type      | 2x DDR4 SO-DIMM                                                                                        |
| Memory Support   | 32GB                                                                                                   |
| Storage Type     | 1x 2.5" SATA Drive Bay for SSD/HDD (Internal, not with removable drive in use), 1x M.2 SATA3 2280 Slot |
| Storage Support  | M.2 and 2.5": 128GB - 1TB                                                                              |

Display

|                   |                  |
|-------------------|------------------|
| Screen Size       | 15"              |
| Screen Resolution | 1024 x 768 (XGA) |
| Screen Ratio      | 4:3              |
| Brightness        | 350 nits         |

Touch Screen

|              |                                               |
|--------------|-----------------------------------------------|
| Touch Screen | Projected Capacitive (Multi-touch), Resistive |
| Hardness     | Resistive: 3H, P-cap: 7H                      |

External I/O Ports

|                        |                                      |
|------------------------|--------------------------------------|
| USB                    | 2x USB 2.0, 2x USB 3.2               |
| Serial / Com           | 3x COM                               |
| Serial Protocol Detail | 1x RS-232, 2x RS-232/422/485         |
| Ethernet / LAN         | 1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN |
| Video Outputs          | 1x HDMI, 1x VGA                      |
| Audio Ports            | 2x 3.5mm Audio Line-Out/Mic-In       |
| Power Input Port       | 4-Pole DIN (latching)                |

Power

|                        |                                       |
|------------------------|---------------------------------------|
| Input Voltage Range    | 12-28V DC                             |
| Max Power Consumption  | 56.3W                                 |
| Standard Power Adapter | 60 watts, 100 ~240V AC in, 19V DC out |

Operating Systems

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

Compatibility

|                   |                  |
|-------------------|------------------|
| Security Hardware | Optional TPM 2.0 |
|-------------------|------------------|

Expansion Slots

|              |                                      |
|--------------|--------------------------------------|
| Internal M.2 | 1x M.2 Type B                        |
| Other        | 1x SIM socket connected to M.2 B-Key |

Thermal & Environmental

|                       |                                 |
|-----------------------|---------------------------------|
| Operating Temperature | 0°C - 45°C (32°F – 113°F)       |
| Storage Temperature   | -20°C - 65°C (-4°F – 149°F)     |
| Cooling Solution      | Passive – Fanless with Heatsink |
| Humidity Range        | 10% – 90% Non-condensing        |
| Storage Humidity      | 10% – 90% Non-condensing        |

Enclosure

|                 |                                             |
|-----------------|---------------------------------------------|
| Material        | Aluminum front bezel and SECC Steel Chassis |
| IP Rating       | IP66 Front Bezel                            |
| Color           | Black                                       |
| Control Buttons | Power Reset                                 |

Weight / Dimensions

|            |                                          |
|------------|------------------------------------------|
| Weight     | 6.4 kg (14.1 lbs)                        |
| Dimensions | 398 x 330 x 72 mm (15.7 x 13.0 x 2.8 in) |

Certification

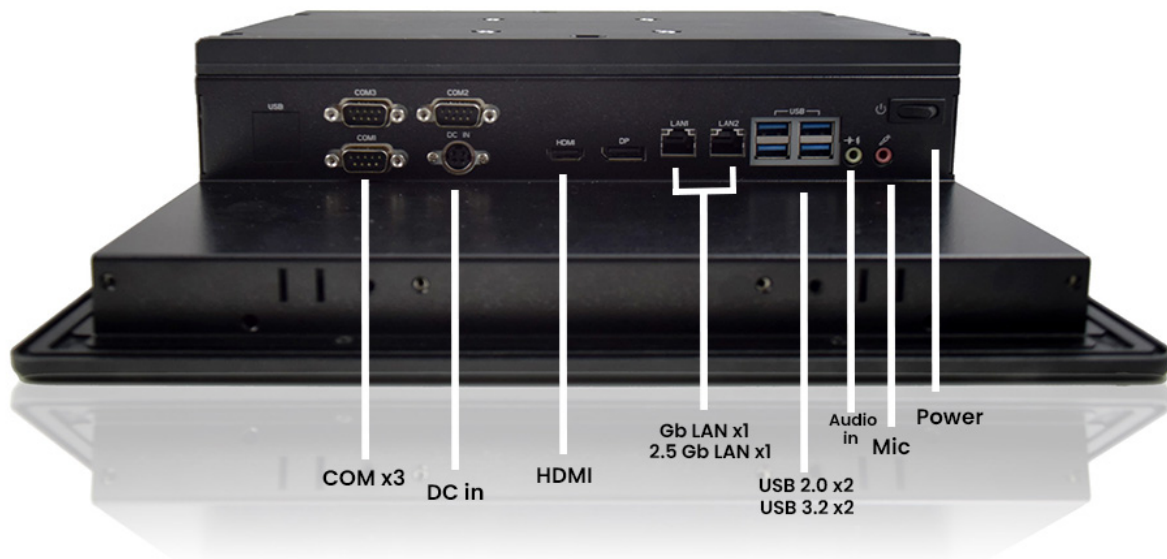
|                |         |
|----------------|---------|
| Certifications | CE, FCC |
|----------------|---------|

## Warranty

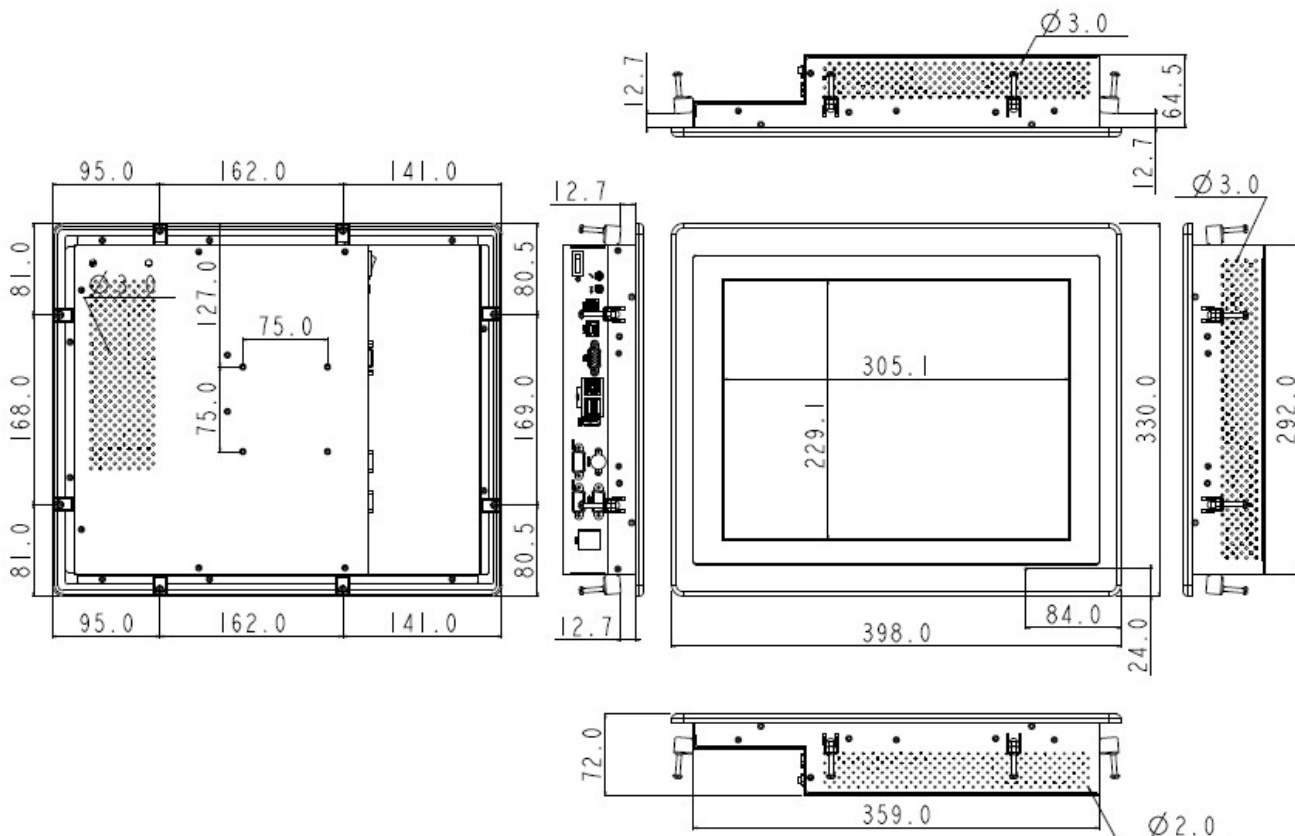
Warranty

1 Year

## I/O Diagram Images



## Tech Diagram Images



*All specifications are subject to change without notice.*