

Features

- Intel Celeron J6412 Processor
- Windows 11 Compatible
- Wall Mounting Options
- Wide Temperature Support
- Multiple Inputs and Outputs including Dual LAN and 2x USB 3.2



Technical Specifications

General

Main Category Industrial Computer

Primary Components

Processor Family Intel Celeron Elkhart Lake  
Processor Model Celeron J6412  
Processor Speed 2.0 GHz  
Memory Type 1x DDR4 SO-DIMM  
Memory Support 4GB, 8GB, 16GB, 32GB  
Storage type 1.8" Half Size MO297 SATA Drive Bay, 1x M.2 SATA3 2280 Slot  
Storage support M.2: 256GB-1TB, M0297: 16GB-128GB

Display

Expansion Slots

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

Multimedia

Thermal and Environmental

Operating Temperature Array (32°F – 122°F; Optional -4°F – 140°F)  
Storage Temperature Array (-40°F – 185°F)  
Storage Humidity 10% – 90% Non-condensing  
Cooling Solution Passive – Fanless with Heatsink

Touch Screen

Enclosure

|                  |                                     |
|------------------|-------------------------------------|
| Material         | Aluminum Heatsink and Steel Chassis |
| Color            | Black                               |
| Control Buttons  | Power Button                        |
| Mounting Options | Wall Mount                          |

External I/O ports

Peripherals & Wireless Connectivity

|                        |                                      |
|------------------------|--------------------------------------|
| USB                    | 2x USB 3.2                           |
| Serial / Com           | 1x COM                               |
| Serial Protocol Detail | RS-232/422/485 (RS-232 Default)      |
| Ethernet / LAN         | 1x RJ45 GbE LAN, 1x RJ45 2.5 GbE LAN |
| Video Outputs          | 1x DisplayPort, 1x HDMI              |
| Audio                  | 1x 3.5mm Audio Line-Out              |
| Power Input Port       | 3-Pin DC-In (Phoenix Type)           |

Power

Dimensions / Weight

|                        |                     |
|------------------------|---------------------|
| Input Voltage Range    | 9-36V DC            |
| Max Power consumption  | 24W                 |
| Standard Power Adapter | US AC/DC 12V DC, 5A |

|            |                                          |
|------------|------------------------------------------|
| Weight     | 1.0 KG (2.2 lbs)                         |
| Dimensions | 207 x 41.5 x 130 mm (8.1 x 1.6 x 5.1 in) |

Battery

Certification

|                |                                                         |
|----------------|---------------------------------------------------------|
| Certifications | CE, FCC, IEC 61000-3-2 (EMC), IEC 61000-3-3 (EMC), UKCA |
|----------------|---------------------------------------------------------|

Operating Systems

Warranty

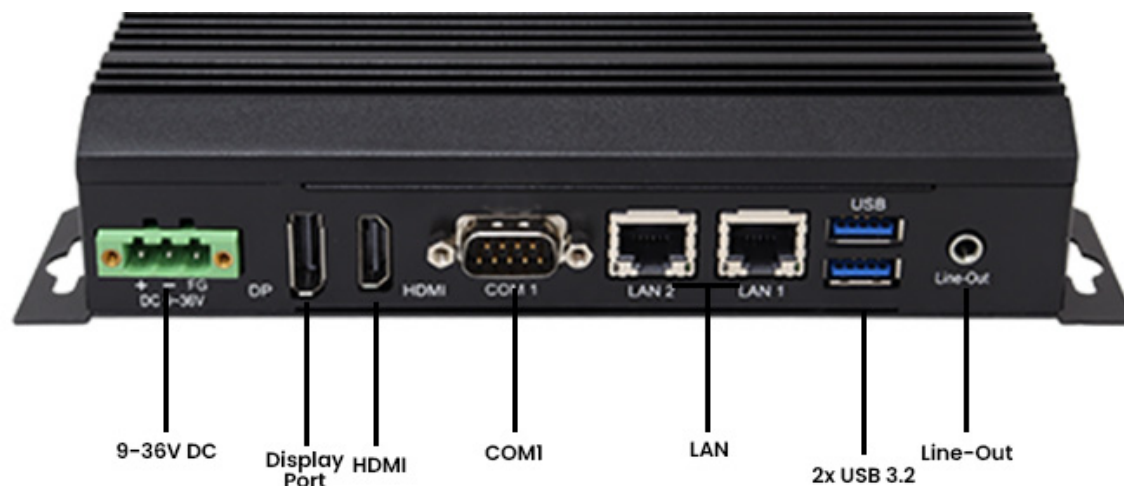
|         |                                                                |          |               |
|---------|----------------------------------------------------------------|----------|---------------|
| Windows | Windows 11 IoT, Windows 11 Pro, Windows 10 IoT, Windows 10 Pro | Warranty | Up to 5 Years |
|---------|----------------------------------------------------------------|----------|---------------|

Compatibility

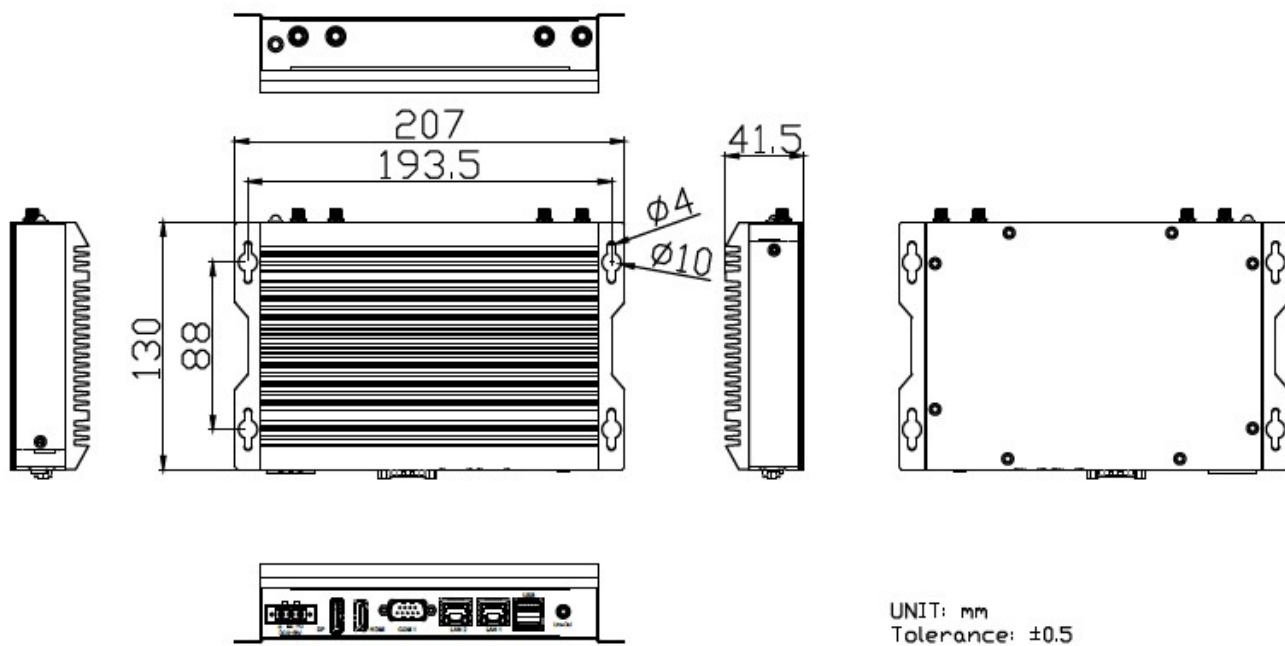
Filters

|                   |         |                      |                     |
|-------------------|---------|----------------------|---------------------|
| Security Hardware | TPM 2.0 | Main Category Filter | Industrial Computer |
|-------------------|---------|----------------------|---------------------|

## Inputs / Outputs



## Technical Drawings



*All specifications are subject to change without notice.*