



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

General

Main Category Industrial Computer

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"
 Resolution 1024 x 768 (XGA)
 Screen Ratio 4:3
 Brightness 350 nits
 Contrast Ratio 800:1
 Viewing Angle 160° (H), 150° (V)
 Number of Colors Supported 16.2M

Expansion Slots

Internal M.2 1x M.2 Type B
 PCIe Slot 1x PCI-E (x1)
 PCIe Expansion Details Chassis must be customized to fit expansion cards (NRE)
 Other 1x SIM socket connected to M.2 B-Key

Multimedia

Thermal and Environmental

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

Touch Screen

| | |
|--------------------|---|
| Touch Screen | Projected Capacitive (Multi-touch), Resistive |
| Light Transmission | 80±5% (Resistive), >86% (P-Cap) |
| 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 GbE LAN, 1x RJ45 2.5 GbE LAN |
| Video Outputs | 1x HDMI, 1x VGA |
| Audio | 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 |

Battery

Operating Systems

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

Compatibility

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

Enclosure

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

Peripherals & Wireless Connectivity

Dimensions / Weight

| | |
|------------|--------------------------------------|
| Weight | 6.4 KG (14.1 lbs) |
| Dimensions | 398x330x72 mm (15.7 x 13.0 x 2.8 in) |

Certification

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

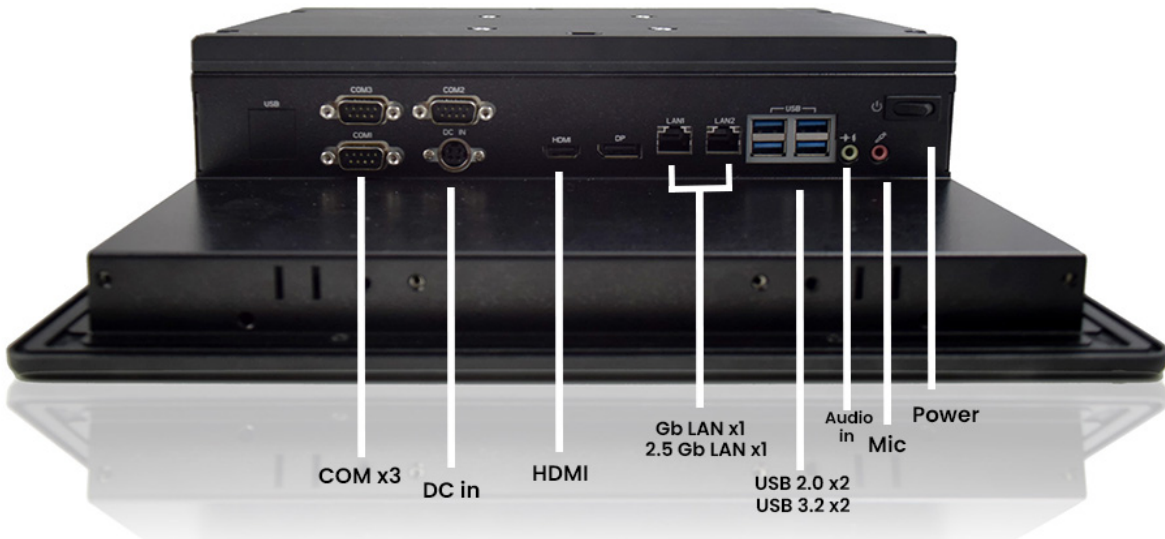
Warranty

| | |
|----------|--------|
| Warranty | 1 Year |
|----------|--------|

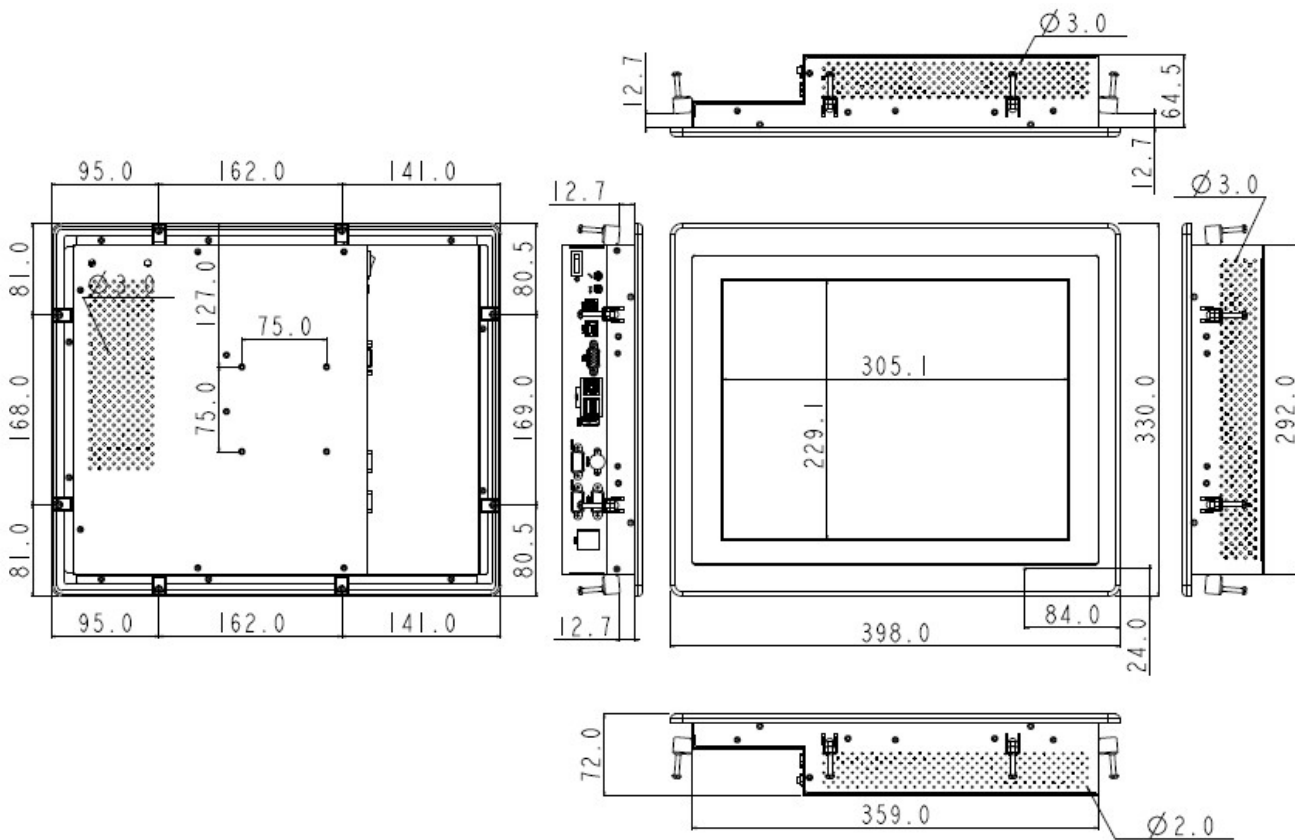
Filters

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

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.