



## Features

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

## 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	10.4"
Screen Ratio	4:3
Brightness	230 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	53.5W
Standard Power Adapter	60 watts, 100 ~240V AC in, 19V DC out

## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11, Windows 11 Pro
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## Compatibility

Security Hardware	Optional TPM 2.0
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## 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	3.0 kg (6.6 lbs)
Dimensions	313 x 240 x 54 mm (12.3 x 9.4 x 2.1 in)

## Certification

Certifications	CE, FCC
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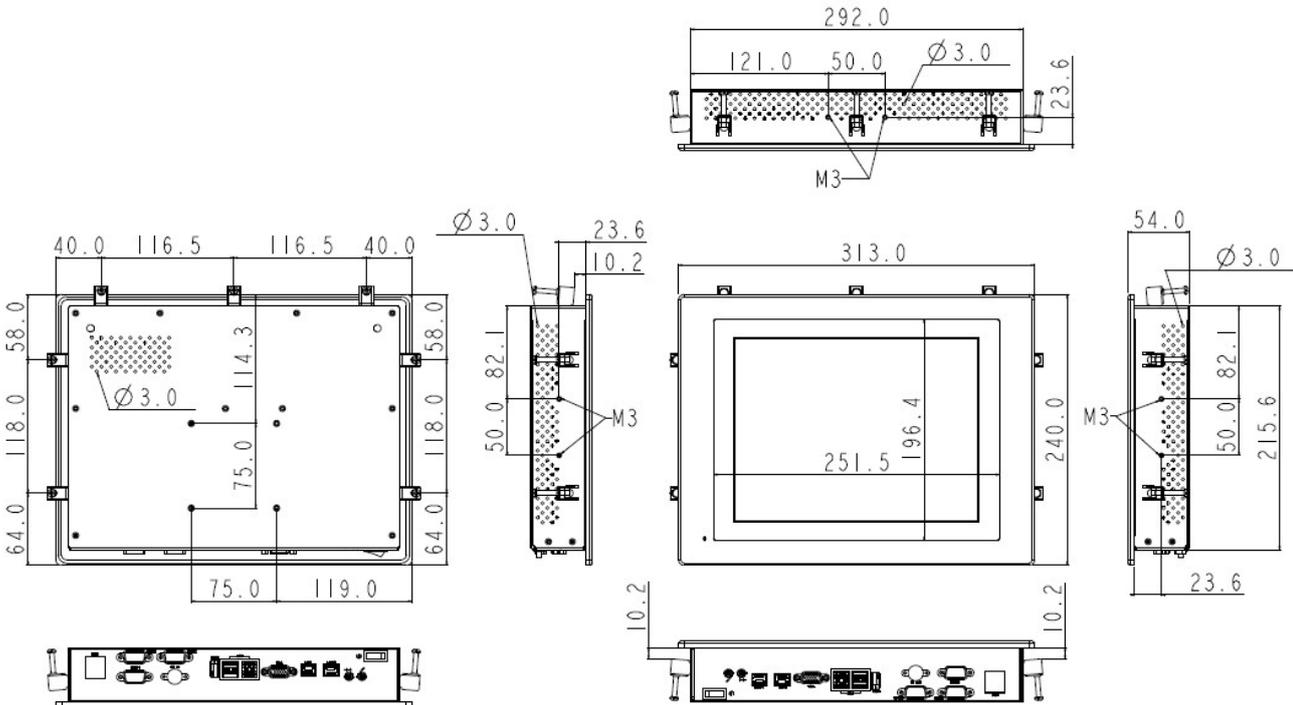
## Warranty

Warranty	1 Year
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I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.