Features

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

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	15.6"
Screen Ratio	16:9
Brightness	400 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	63.5W
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

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
Mounting Options	VESA 75 Mount

Weight / Dimensions

Weight	6.5 kg (14.3 lbs)
Dimensions	452 x 330 x 72 mm (17.8 x 13.0 x 2.8 in)

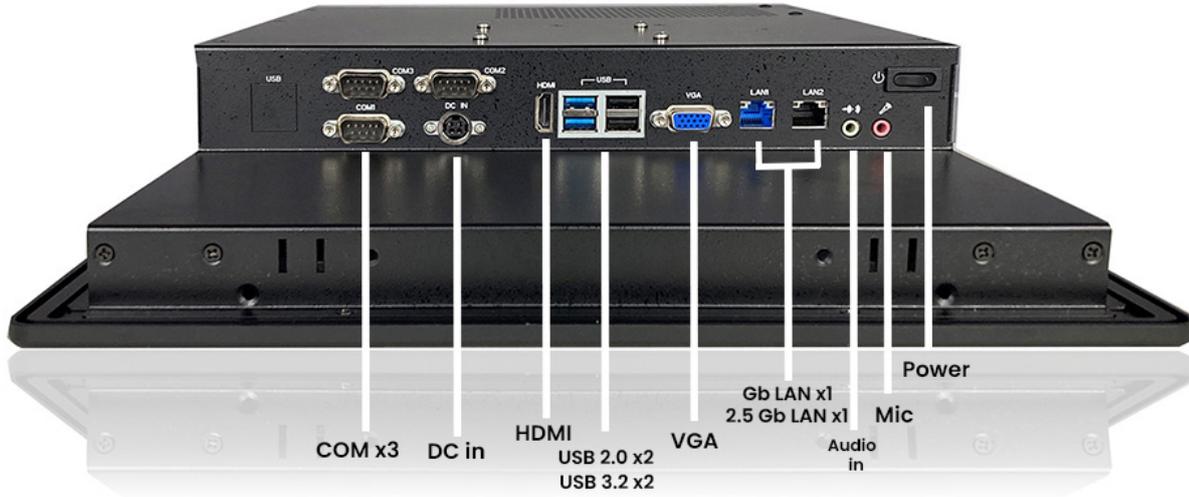## Certification

Certifications	CE, FCC

Warranty

Warranty	1 Year

I/O Diagram Images

COM x3   DC in   HDMI   USB 2.0 x2   USB 3.2 x2   VGA   Gb LAN x1   2.5 Gb LAN x1   Audio in   Mic   Power

Tech Diagram Images
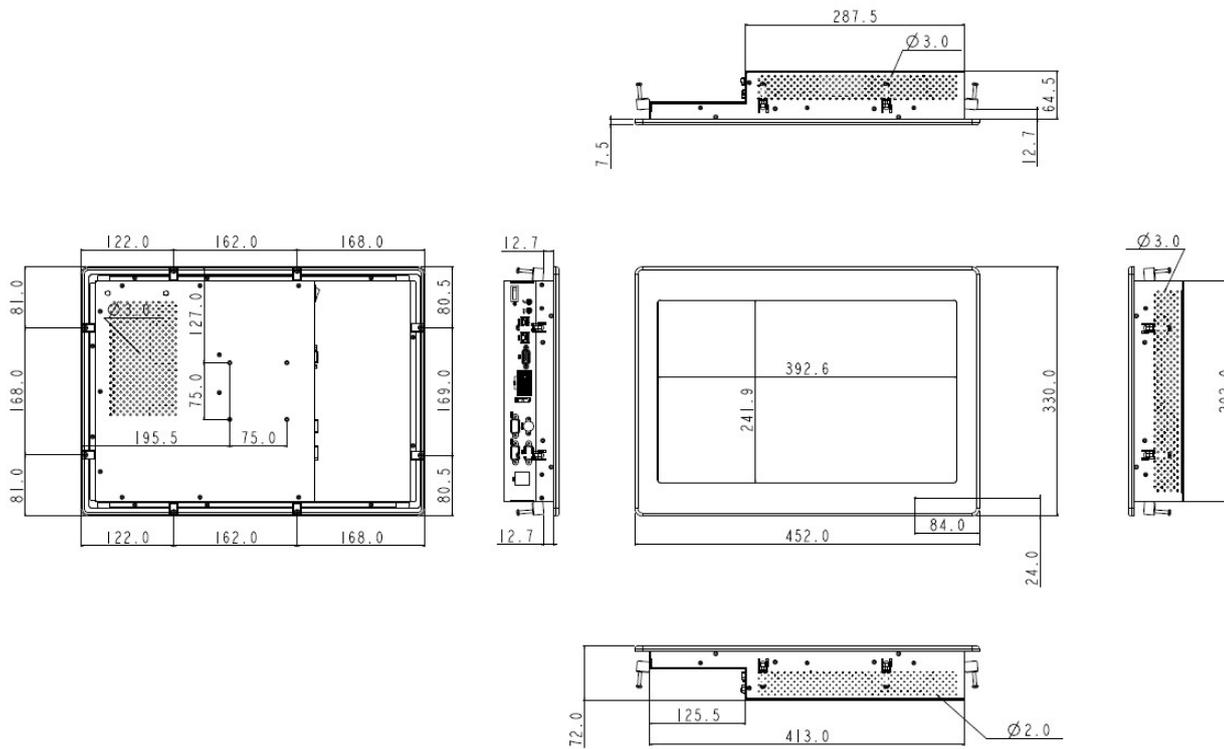
All specifications are subject to change without notice.