



Features

- 10" Widescreen Display with 1280 x 800 resolution
- Windows 11 Capabilities
- 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

Technical Specifications

General

Main Category Industrial Computer

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

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 M.2 SATA3 2280 Slot
Storage support	M.2 and 2.5": 128GB - 1TB

Multimedia

Display

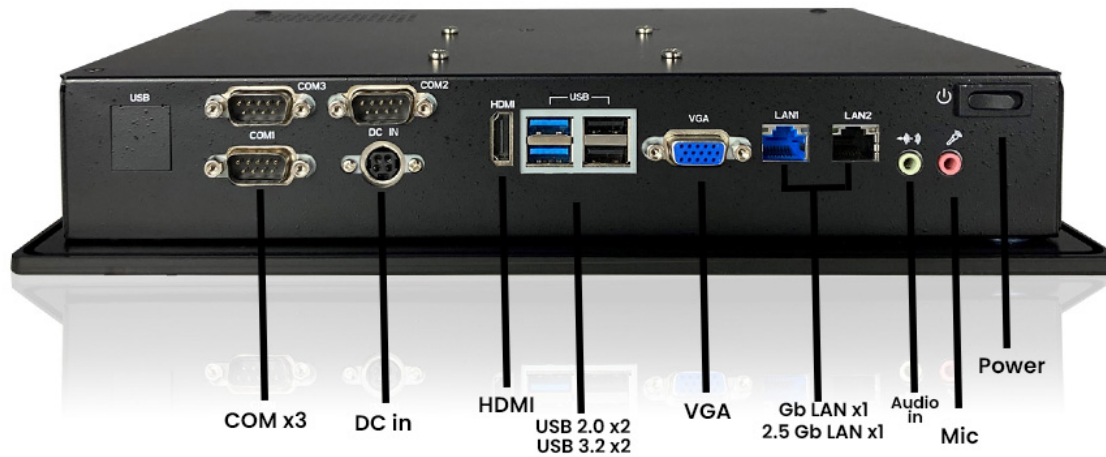
Screen Size	10.1"
Resolution	1280 x 800 (WXGA)
Screen Ratio	16:10
Brightness	400 nits
Contrast Ratio	800:1
Viewing Angle	170° (H), 170° (V)
Number of Colors Supported	16.7M

Thermal and Environmental

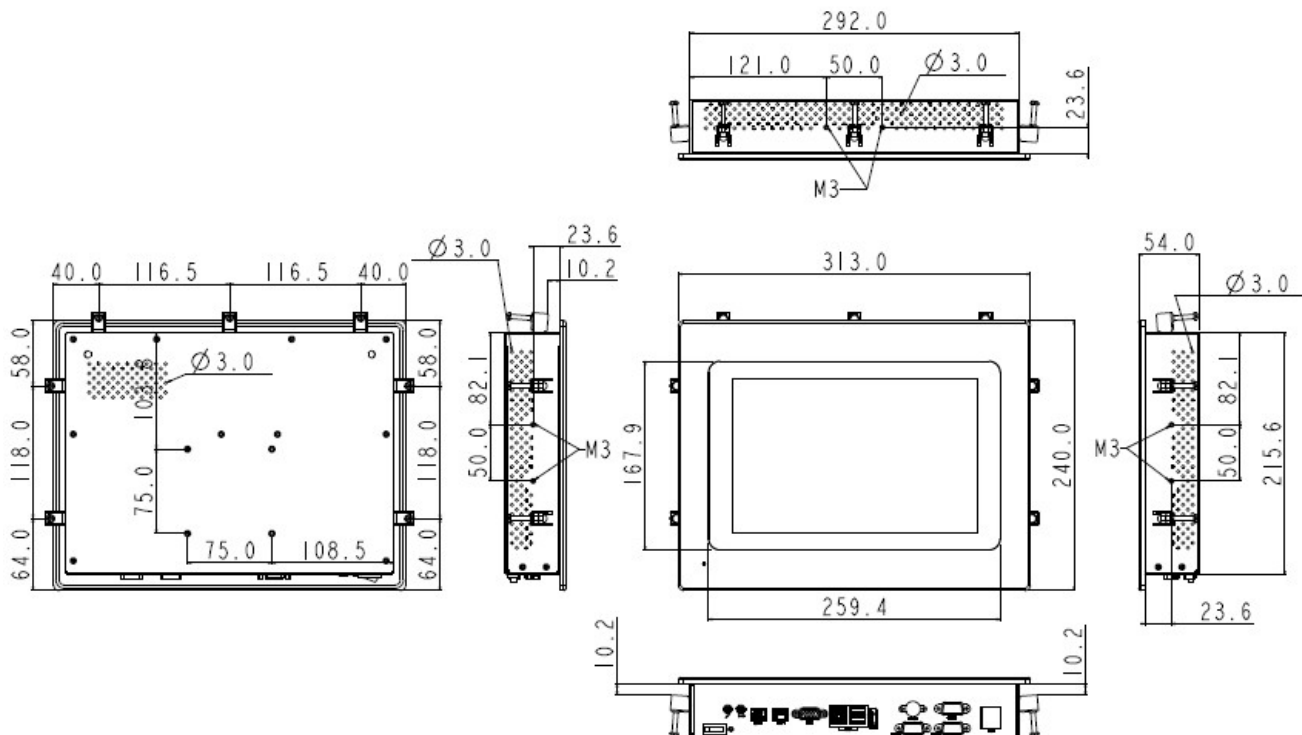
Operating Temperature	Array (32°F – 113°F)
Storage Temperature	Array (-4°F – 149°F)
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing
Cooling Solution	Passive – Fanless with Heatsink

Touch Screen		Enclosure	
Touch Screen	Projected Capacitive (Multi-touch)	Material	Aluminum front bezel and SECC Steel Chassis
Light Transmission	90±3%	Ip Rating	IP66 Front Bezel
Hardness	> 7H	Color	Black
		Control Buttons	Power Reset
External I/O ports		Peripherals & Wireless Connectivity	
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		Dimensions / Weight	
Input Voltage Range	12-28V DC	Weight	3.0 KG (6.6 lbs)
Max Power consumption	59.3W	Dimensions	313x240x54 mm (12.3 x 9.4 x 2.1 in)
Standard Power Adapter	60 watts, 100 ~240V AC in, 19V DC out		
Battery		Certification	
		Certifications	CE, FCC
Operating Systems		Warranty	
Windows	Windows 11, Windows 11 Pro, Windows 10 IoT, Windows 10 Pro	Warranty	1 Year
Compatibility		Filters	
Security Hardware	Optional TPM 2.0	Main Category Filter	Industrial Computer

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.