



## Features

- 19" Resistive or PCap Touchscreen Options
- Intel Celeron J6412 Processor Passmark Rating 3839
- Windows 11 Capabilities
- Integrated Cable Gland supporting up to 5 I/O cables

## Technical Specifications

### Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz, 2.6 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (Internal, not with removable drive in use), 1x M.2 SATA3 2242 Slot
Storage Support	M.2 and 2.5": 128GB - 1TB

### Display

Screen Size	19
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	350 nits

### Touch Screen

Touch Screen	Projected Capacitive (Multi-touch), 5 Wire Resistive
Hardness	Resistive: 3H, P-cap: 7H

### External I/O Ports

USB	2x USB 2.0, 2x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	RS-232/422/485
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x HDMI 2.0b, 1x VGA
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	M12 type 5-PIN DC-in

## Power

Input Voltage Range	12-28V DC
Standard Power Adapter	100~277Vac /47~63 Hz/ 24Vdc, 120W, IP68

## Operating Systems

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

## Compatibility

Security Hardware	fTPM 2.0, Optional TPM 2.0
-------------------	----------------------------

## Multimedia

Speakers	Optional Speaker
----------	------------------

## Thermal & Environmental

Operating Temperature	0°C - 40°C - 0°C - 50°C (32°F – 104°F (With HDD), 32°F – 122°F (With SSD))
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	0% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

## Enclosure

Material	Stainless Steel
IP Rating	IP66, IP69K
Color	Stainless Steel
Control Buttons	Power Button
Mounting Options	VESA 100 Mount, Wall Mount, Yoke Mount

## Peripherals & Wireless Connectivity

WiFi	Optional Wi-Fi 6 (802.11 a/b/g/n/ac/ax) Dual band with Flat Robust Antennas
Bluetooth	Optional Bluetooth 5.3
Barcode Scanner	Optional 1D/2D with Device Box

## Weight / Dimensions

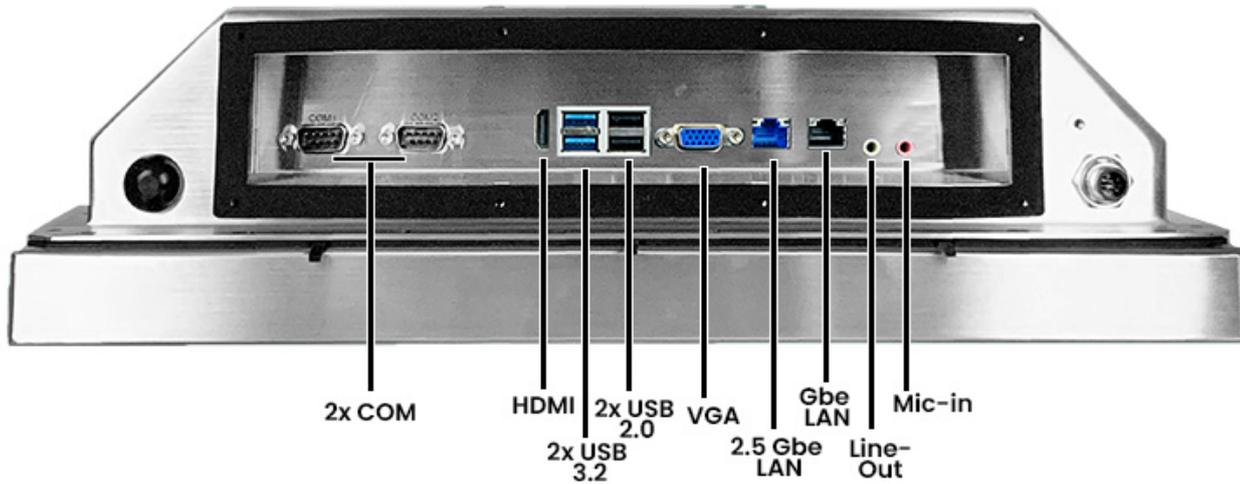
Weight	11.5 kg (25.4 lbs)
Dimensions	458 x 64 x 386 mm (18.0 x 2.5 x 15.2 in)

### Warranty

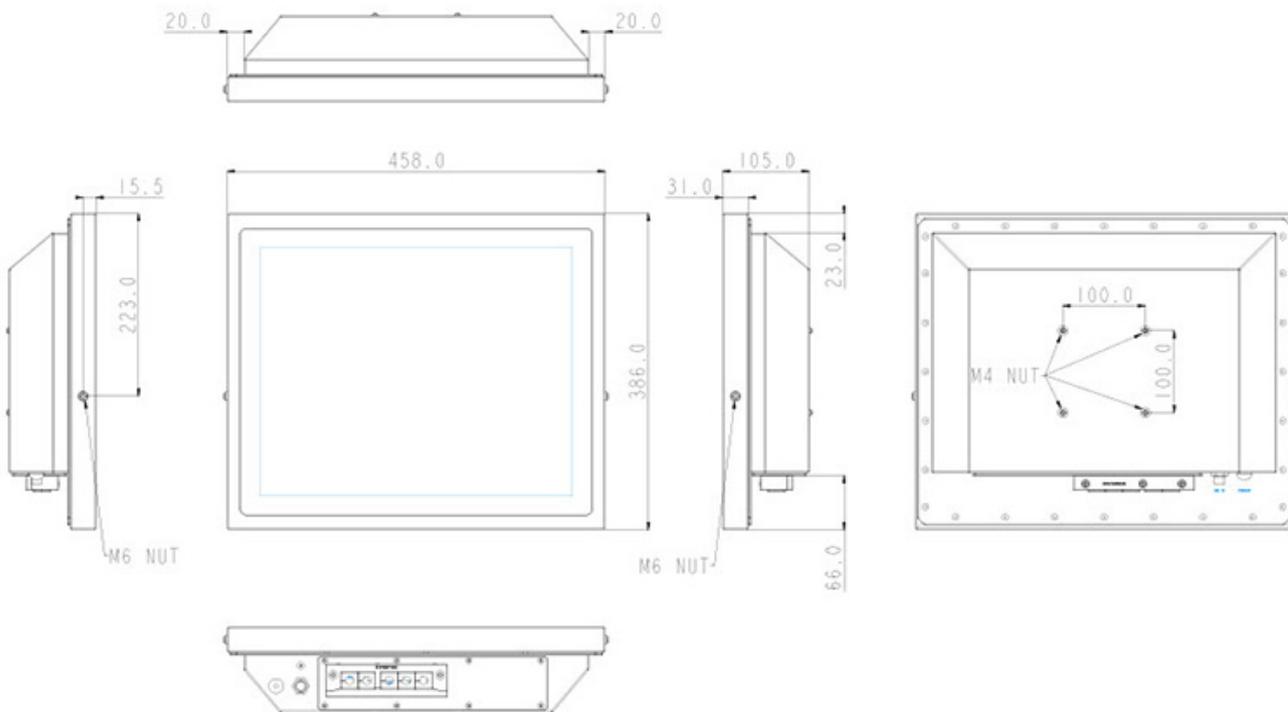
Warranty

Up to 5 Years

### I/O Diagram Images



### Tech Diagram Images



*All specifications are subject to change without notice.*