

Features

- 18.5" LED LCD Touchscreen
- Intel Elkhart Lake 10th Gen Celeron J6412 Quad-core CPU
- Fanless Cooling System
- Aluminum Die-Cast Housing
- Integrated Webcam, WLAN, & BT 4.0
- Multiple I/Os including 6x USB Ports total, 1x LAN & more

Technical Specifications

General

Main Category	Industrial Computer

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412 Quad
Processor Speed	2.0 GHz, 2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	2GB, 4GB, 8GB, 16GB
Storage type	1x M.2 slot for SSD
Storage support	M.2: 64GB-1TB

Display

Screen Size	18.5"
Resolution	1366 x 768
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive

Expansion Slots

Internal M.2	1x M.2

Multimedia

Speakers	2x 2W Speakers
Camera	2MP Webcam

Thermal and Environmental

Operating Temperature	Array (32°F – 104°F)
Storage Temperature	Array (-4°F – 140°F)
Humidity Range	25% – 85% Non-condensing
Cooling Solution	Passive – Fanless

Enclosure

Material	Aluminum
Ip Rating	IP65 Front Bezel
Mounting Options	VESA 75 Mount

External I/O ports

USB	2x USB 2.0, 2x USB 3.0, 2x USB Type C (Data only)
Serial / Com	2x COM
Serial Protocol Detail	DB-9 interface, RS-232 protocol, with configurable power to Pin-9
Ethernet / LAN	1x RJ45 GbE LAN
Power Input Port	4-Pole DIN (latching)

Peripherals & Wireless Connectivity

WiFi	Opt. 802.11b/g/n/ac
BlueTooth	Optional Bluetooth 5.1
Barcode Scanner	Optional 1D/2D Barcode Scanner
Smartcard Reader	Optional Smart IC Card Reader

Power

Input Voltage Range	19V DC
Max Power consumption	65W
Standard Power Adapter	120W Power Adapter Included

Dimensions / Weight

Weight	6.8 KG (15.0 lbs)
Dimensions	464 x 284 x 48 mm (18.3 x 11.2 x 1.9 in)

Battery

Certification

Certifications	BIS, CCC, CE, FCC Class B, LVD

Operating Systems

Windows	Windows 11, Windows 10 IoT, Windows 10 Pro
Linux	Linux (Contact your sales rep for more information)

Warranty

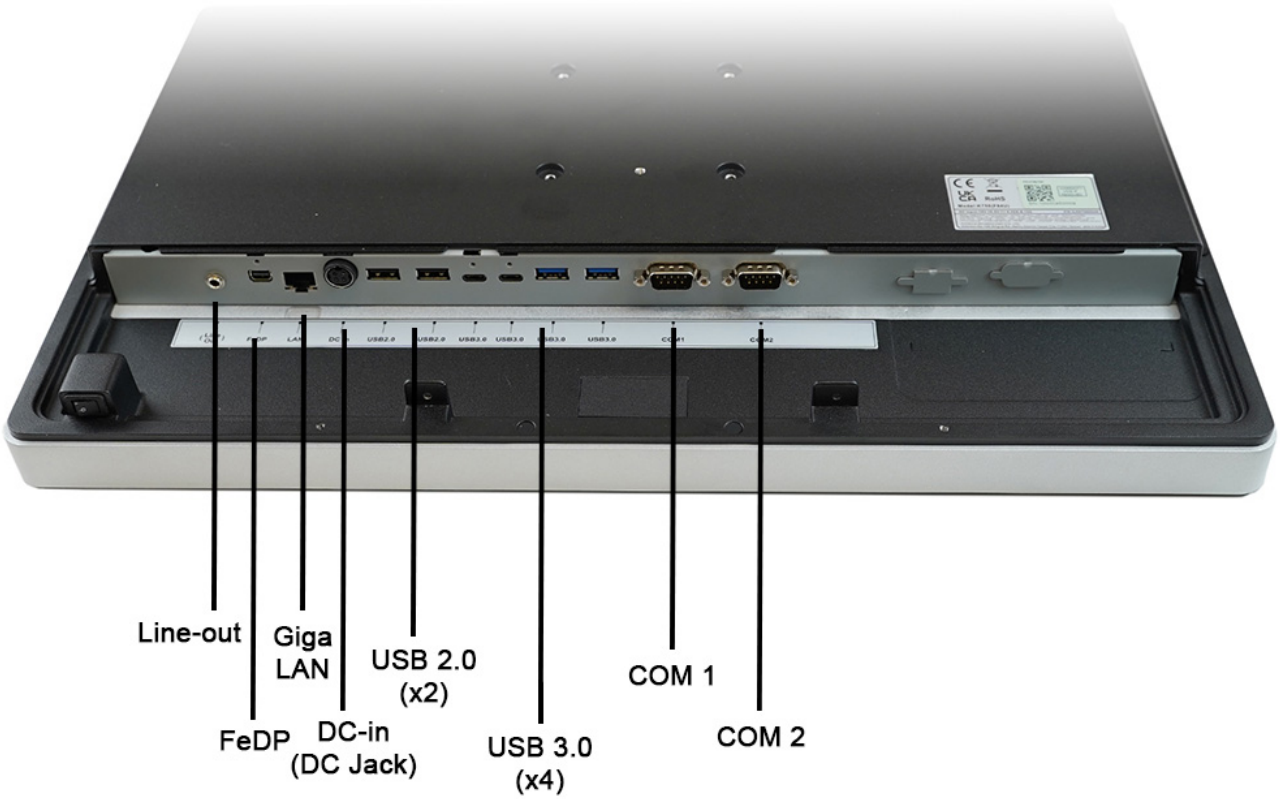
Warranty	Up to 5 Years

Compatibility

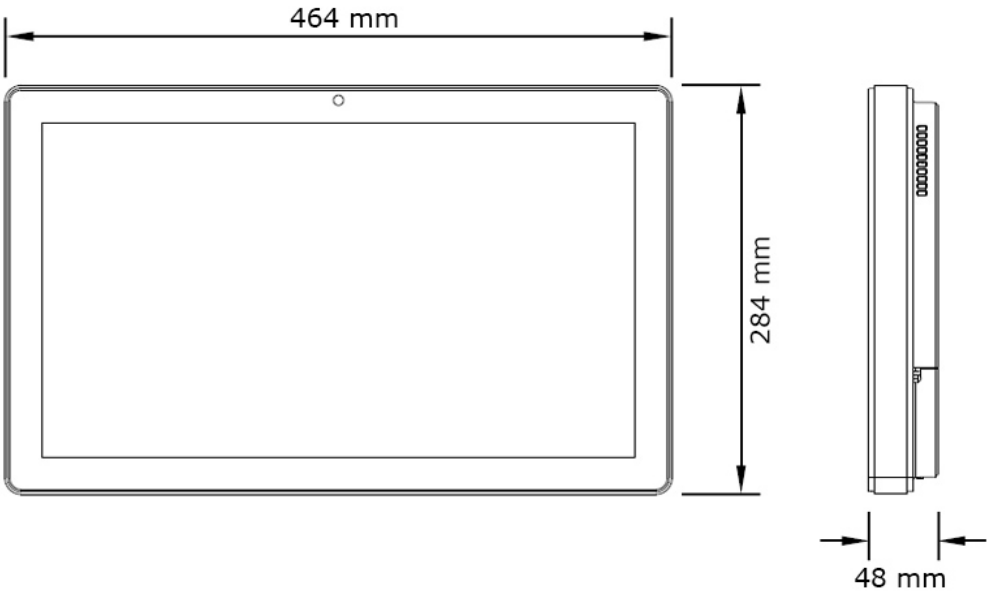
Security Hardware	TPM 2.0

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.