



Features

- 18.5" HD Display with PCAP Touchscreen
- Intel Celeron J6412 Quad Core CPU
- Modular Design with Removable Box PC
- Options for Expansion and Accessories
- USB Type C

Technical Specifications

General

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Memory Type	Onboard DDR4
Memory Support	4GB, 8GB, 16GB
Storage type	1x M.2 slot for SSD
Storage support	M.2: 128GB-1TB

Display

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

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
--------------	------------------------------------

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
Expansion Module support	4 USB based expansion areas on Bezel

Multimedia

Speakers	1x 3W Speaker
Camera	Optional Webcam

Thermal and Environmental

Operating Temperature	Array (32°F – 95°F)
Storage Temperature	Array (-4°F – 140°F)
Humidity Range	20% – 85% Non-condensing
Cooling Solution	Passive – Fanless

Enclosure

Material	Plastic
Ip Rating	IP54 Front Bezel
Color	Black
Mounting Options	VESA 100 Mount, 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	x2 RS-232 DB-9
Ethernet / LAN	1x RJ45 GbE LAN
Other Ports	Custom connector for External Monitor
Power Input Port	4-Pole DIN (latching)

Power

Input Voltage Range	19V DC
Standard Power Adapter	65W AC/DC Adapter

Battery

Operating Systems

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

Compatibility

Security Hardware	fTPM 2.0
-------------------	----------

Peripherals & Wireless Connectivity

WiFi	Optional through M.2 interface
BlueTooth	Optional Bluetooth 5.1
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional 13.56 NFC External Module
Peripheral Other	Contact Teguar is you have a customized external Module request

Dimensions / Weight

Weight	4.4 KG (9.7 lbs)
Dimensions	451 x 273 x 51 mm (17.8 x 10.7 x 2.0 in)

Certification

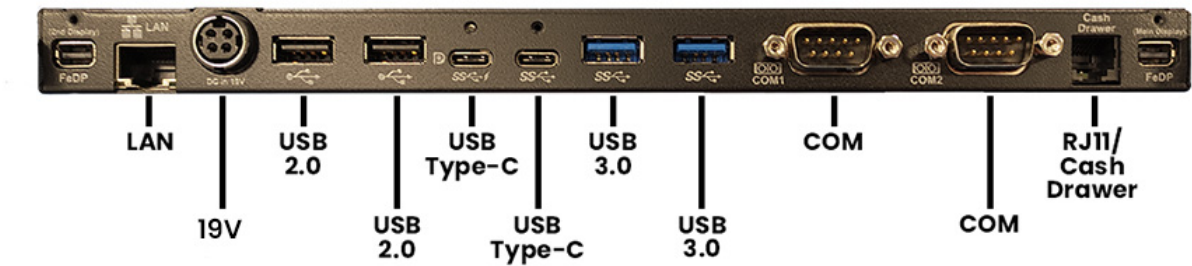
Certifications	CE, FCC
----------------	---------

Warranty

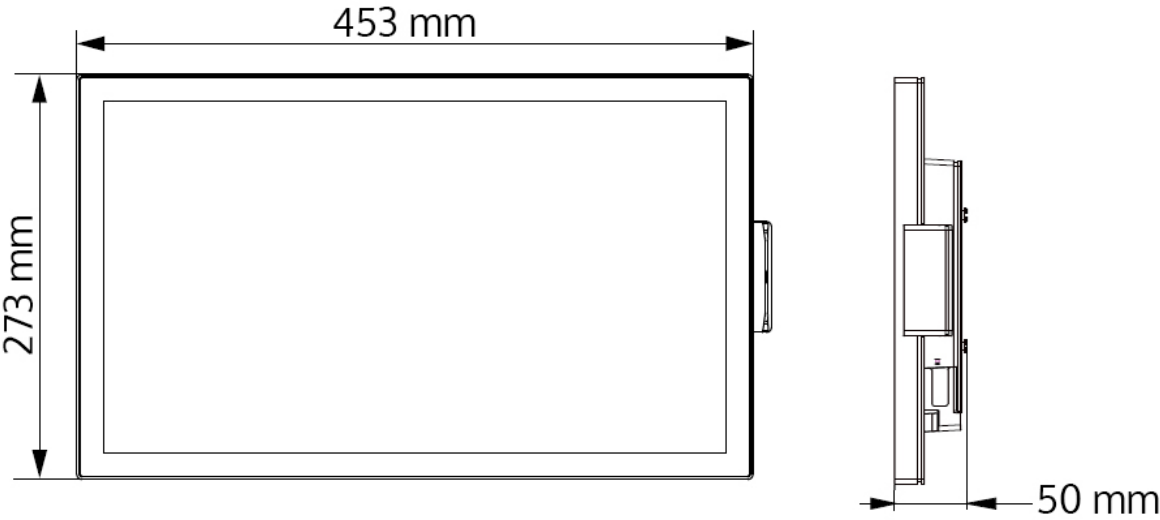
Warranty	Up to 5 Years
----------	---------------

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.