



## 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

### 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"      |
| Screen Resolution | 1366 x 768 |
| Screen Ratio      | 16:9       |
| Brightness        | 250 nits   |

### Touch Screen

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

### 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 |

## Operating Systems

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

## Compatibility

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

## 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 & Environmental

|                       |                             |
|-----------------------|-----------------------------|
| Operating Temperature | 0°C - 35°C (32°F – 95°F)    |
| Storage Temperature   | -20°C - 60°C (-4°F – 140°F) |
| Cooling Solution      | Passive – Fanless           |
| Humidity Range        | 20% – 85% Non-condensing    |

## Enclosure

|                  |                               |
|------------------|-------------------------------|
| Material         | Plastic                       |
| IP Rating        | IP54 Front Bezel              |
| Color            | Black                         |
| Mounting Options | VESA 100 Mount, VESA 75 Mount |

## 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 |

## Weight / Dimensions

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

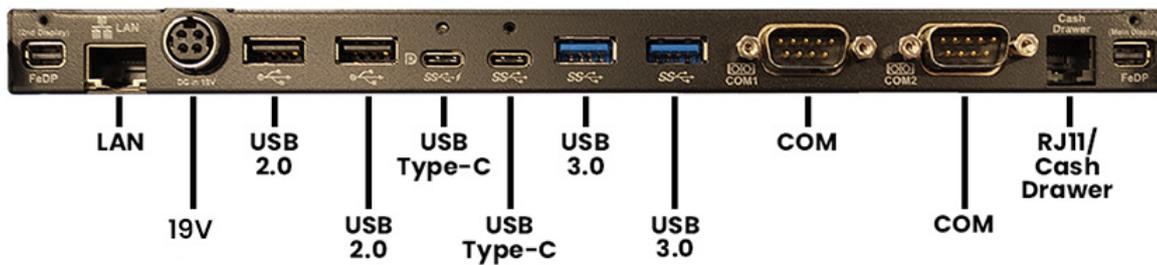
**Certification**

Certifications CE, FCC

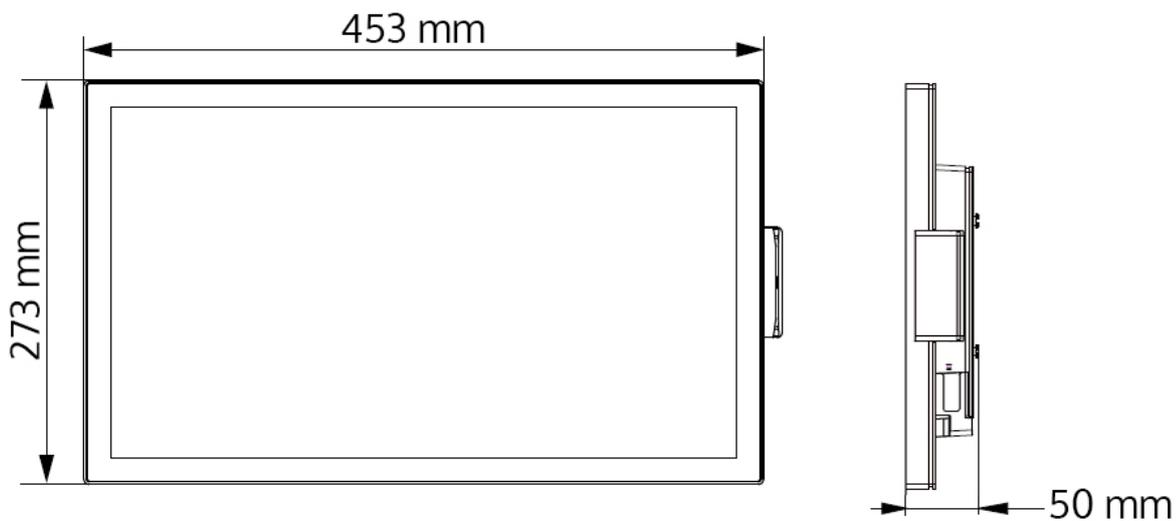
**Warranty**

Warranty Up to 5 Years

**I/O Diagram Images**



**Tech Diagram Images**



*All specifications are subject to change without notice.*