

Features

- 15" Full Flat Touchscreen
- Intel Bay Trail Quad Core J1900 2.0/ 2.4GHz CPU
- USB 3.0 and 2.0 Ports, 4 COM Ports, and More
- Optional Webcam, WLAN, & BT 4.0
- Fanless and Silent Design

Technical Specifications

General

Main Category	Industrial Computer

Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	J1900 Quad Core
Processor Speed	2.0 GHz
Memory Type	1x DDR3 SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage support	32GB-1TB

Display

Screen Size	15"
Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	350 nits

Touch Screen

Touch Screen	Resistive

Expansion Slots

Internal Mini PCIe	1x Mini-PCIe

Multimedia

Speakers	1x 2W Speaker

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	Aluminum
Ip Rating	IP54 Front Bezel
Mounting Options	VESA 75 Mount

External I/O ports

USB	4x USB 2.0, 1x USB 3.0
Serial / Com	4x COM
Serial Protocol Detail	4x RJ-48
Ethernet / LAN	2x RJ45 GbE LAN
Audio	1x Audio Line-Out
Power Input Port	4-Pole DIN (latching)

Peripherals & Wireless Connectivity

WiFi	Optional 802.11 b/g/n WLAN card + Bluetooth 4.0
Barcode Scanner	Optional 1D/2D with Device Box
RFID	Optional with Device Box
Smartcard Reader	Optional with Device Box

Power

Input Voltage Range	12-48V DC
Standard Power Adapter	65W, 19V Power Adapter Included

Dimensions / Weight

Weight	4.9 KG (10.8 lbs)
Dimensions	363 x 48 x 280 mm (14.3 x 1.9 x 11.0 in)

Battery

Certification

Operating Systems

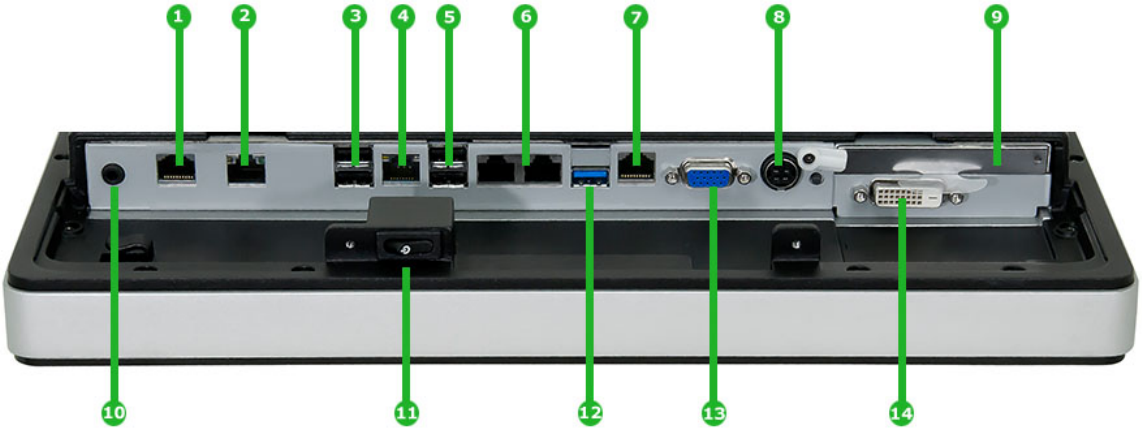
Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro

Warranty

Warranty	Up to 5 Years

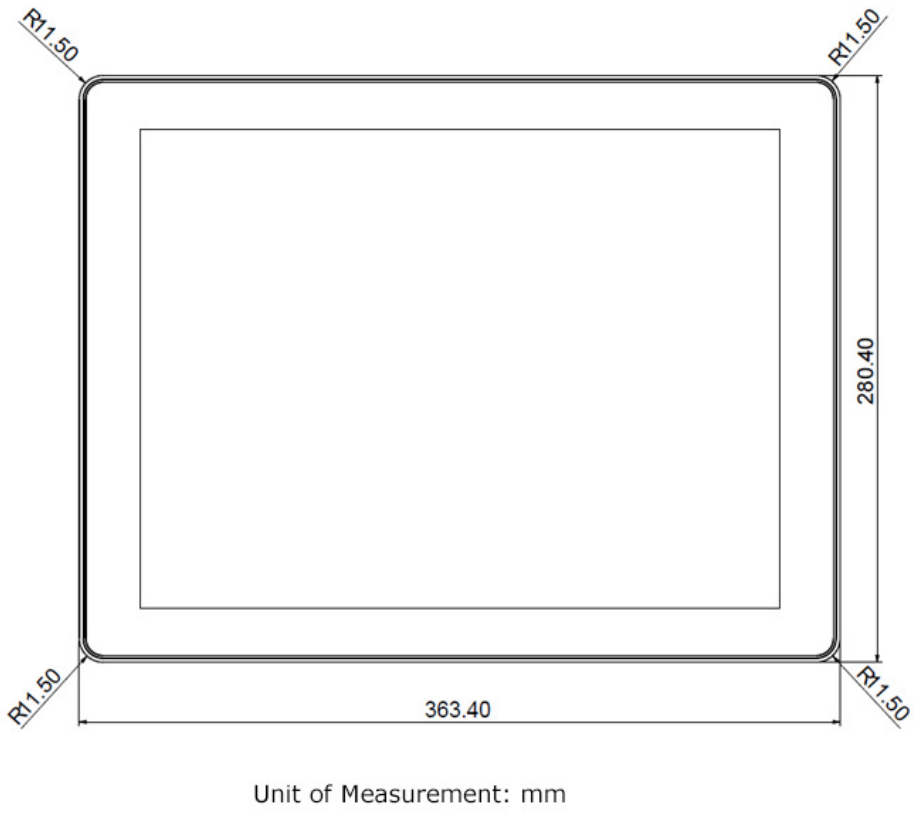
Compatibility

Inputs / Outputs



1. COM Port (RJ48)
2. LAN Port (RJ45)
3. 2x USB 2.0 Port
4. LAN Port (RJ45)
5. 2x USB 2.0 Port
6. 2x COM Port (RJ48)
7. COM Port (RJ48)
8. DC-In
9. 2.5" SATA Bay
10. Audio Line-out
11. Power Switch
12. USB 3.0 Port
13. VGA Port
14. DVI-D

Technical Drawings



All specifications are subject to change without notice.