



Features

- 18.5" LED LCD Touchscreen
- Intel Bay Trail Quad Core CPU
- Fanless Cooling System
- Aluminum Die-Cast Housing
- Integrated Webcam, WLAN, & BT 4.0

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, 2.4 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 18.5"
Resolution 1366 x 768, Optional 1920 x 1080
Screen Ratio 16:9
Brightness 250 nits

Touch Screen

Touch Screen Projected Capacitive

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe

Multimedia

Speakers 2x 2W Speakers
Camera 2MP 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 Aluminum
Ip Rating IP54 Front Bezel
Mounting Options VESA 75 Mount

External I/O ports

USB	4x USB 2.0
Serial / Com	4x COM
Serial Protocol Detail	3x RJ-48
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x VGA
Power Input Port	4-Pole DIN (latching)

Power

Input Voltage Range	12-48V DC
Standard Power Adapter	120W Power Adapter Included

Battery

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
Linux	Linux

Compatibility

Security Hardware	TPM 2.0
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Peripherals & Wireless Connectivity

WiFi	802.11 b/g/n WLAN card
BlueTooth	Bluetooth 4.0
Barcode Scanner	Optional 1D/2D Barcode Scanner
Smartcard Reader	Optional Smart IC Card Reader

Dimensions / Weight

Weight	6.8 KG (15.0 lbs)
Dimensions	4 x 284x 48 mm mm (0.2 x 11.2 x 1.9 in)

Certification

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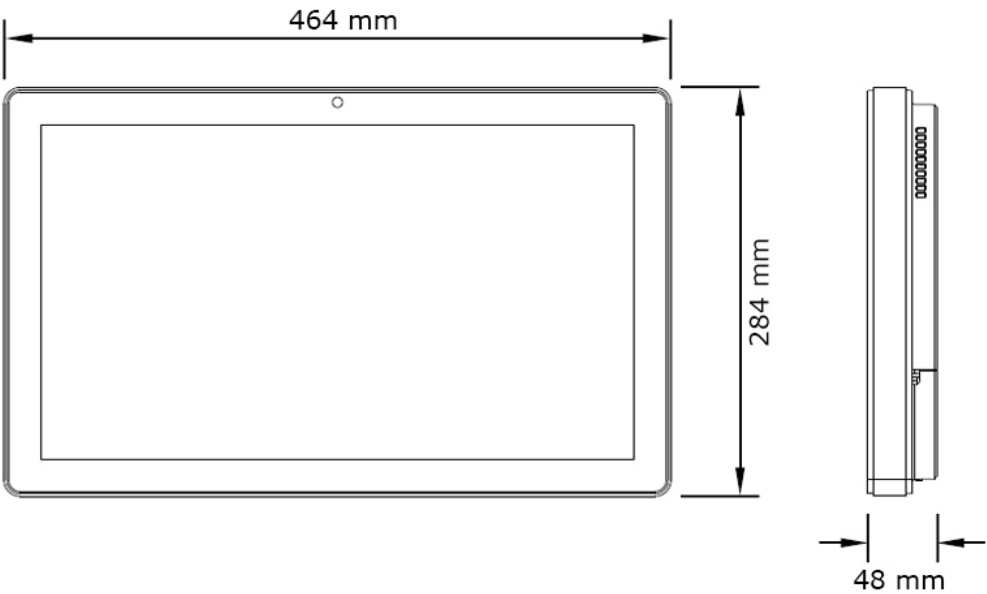
Warranty

Warranty	Up to 5 Years
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Filters

Main Category Filter	Industrial Computer
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Technical Drawings



All specifications are subject to change without notice.