



Features

- 15" XGA Display with 1024 x 768 Resolution
- Bay Trail Celeron J1900 Quad-Core CPU
- Highly Reliable Thermal Design for 24/7 Use
- Resistive Touchscreen with IP66 Front Bezel
- 2 Mini PCIe Sockets for add-on Expansion

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 2x 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 400 nits
Contrast Ratio 600:1
Viewing Angle 160° (H), 160° (V)
Number of Colors Supported 16.7M

Expansion Slots

Internal Mini PCIe 2x Mini-PCIe
video card support Intel HD Graphics

Multimedia

Thermal and Environmental

Operating Temperature Array (32°F – 122°F)
Storage Temperature Array (-4°F – 149°F)
Humidity Range 10% – 90% Non-condensing
Cooling Solution Passive – Fanless with Heatsink

Touch Screen

Touch Screen Resistive

Enclosure

Material Aluminum, Steel, Optional
Stainless Steel Bezel

Ip Rating IP66 Front Bezel

Color Black

Led Indicator Light HDD Access, Power

Control Buttons Power Reset

Mounting Options Panel Mount, VESA Mount

External I/O ports

USB 3x USB 2.0, 1x USB 3.0

Serial / Com 3x COM

Serial Protocol Detail 2x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control)

Ethernet / LAN 2x RJ45 GbE LAN

Video Outputs 1x DVI-I

Audio 1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack

Power Input Port 4-Pole DIN (latching)

Peripherals & Wireless Connectivity

WiFi Optional 802.11 b/g/n WLAN card + Bluetooth 4.0

Power

Input Voltage Range 7-32V DC

Max Power consumption 29.9W

Standard Power Adapter AC 90~264V / 47~63Hz / DC Output 12V, 57W

Dimensions / Weight

Weight 5.5 KG (12.1 lbs)

Dimensions 398 x 330 x 58 mm (15.7 x 13.0 x 2.3 in)

Battery

Certification

Certifications CE, FCC, VCCI

Operating Systems

Warranty

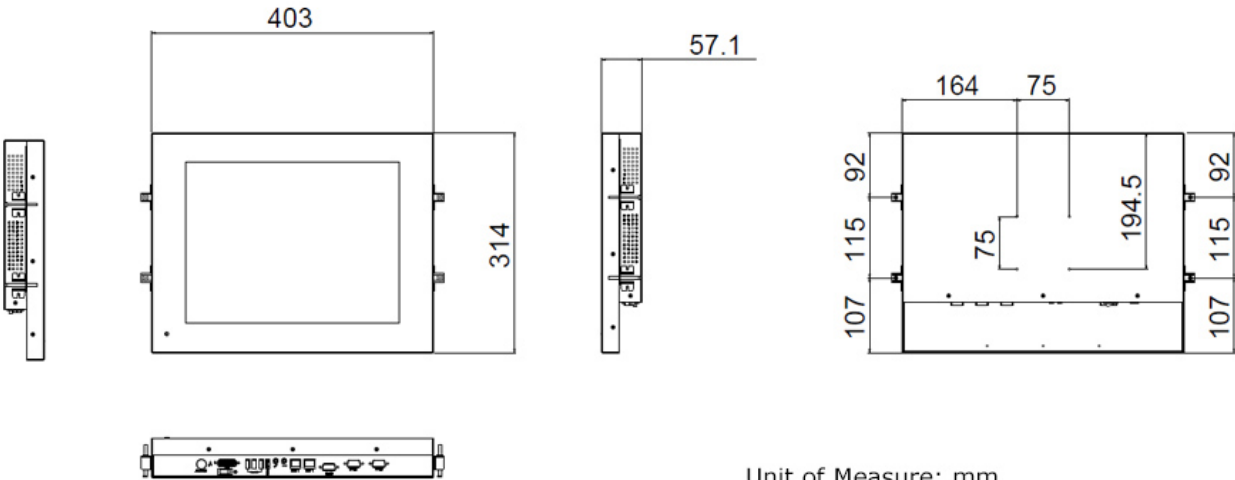
Windows Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro

Warranty Up to 5 Years

Compatibility

Filters

Technical Drawings



All specifications are subject to change without notice.