



Features

- 21.5" Protected Capacitive Touchscreen
- Intel Bay Trail Quad Core J1900 2.0GHz CPU
- Optional Built-in 2MP Webcam
- Durable Aluminum Die-Cast Housing
- Fanless with Low Power Consumption

Technical Specifications

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	21.5"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Multimedia

Speakers	2x 2W Speakers
Camera	Optional 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

Touch Screen

Touch Screen	Projected Capacitive
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Enclosure

Material	Aluminum
Ip Rating	IP54 Front Bezel
Mounting Options	VESA 75 Mount
Approved Cleaning Solutions	3M HB Quat, Acetone, Actichlor, Alcohol, Ammonium Nitrate (low concentration), Antigone, Betasept, Bleach, Caviwipes, Chloride, CIDEX, Control III Disinfectant Germicide, Dispatch Disinfectant Cleaner CLH69101, Incidin, Isopropyl Alcohol, LpH se, MikroBac, Mikrozyd, Peridox, Puregreen 24 Disinfectant, SDW 70C, Sodium Hypochlorite, SporeClear, Trigene, Viraguard, Virkon, Windex

Cleaning Instructions [View instructions here](#)

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
Video Outputs	1x VGA
Audio	1x Audio Line-Out
Power Input Port	4-Pole DIN (latching)

Power

Input Voltage Range	12-48V DC
Standard Power Adapter	90W, 19V Power Adapter Included

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
Smartcard Reader	Optional Smart IC Card Reader

Dimensions / Weight

Weight	8 KG (17.6 lbs)
Dimensions	536 x 48 x 328 mm (21.1 x 1.9 x 12.9 in)

Certification

Certifications	CE, FCC Class B, LVD
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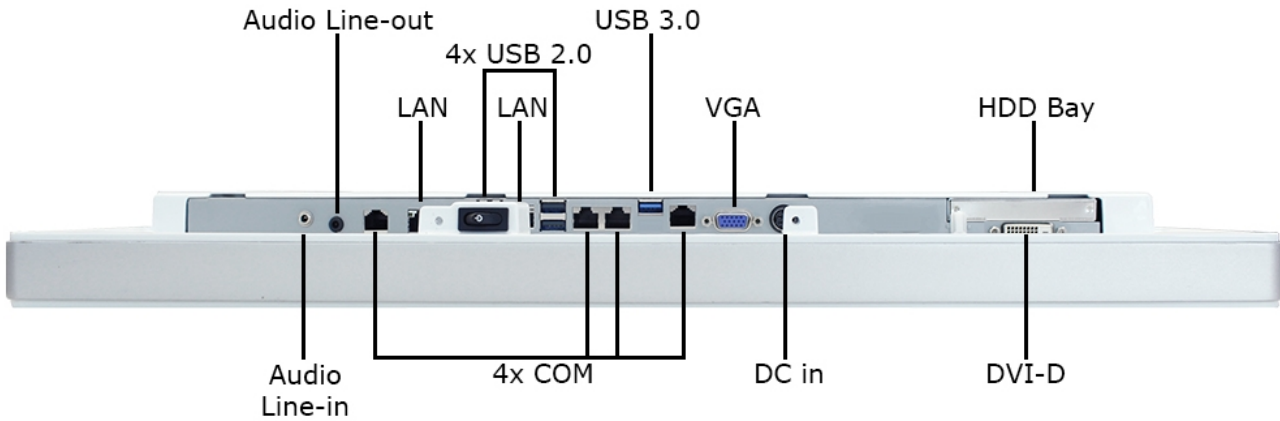
Warranty

Warranty	Up to 5 Years
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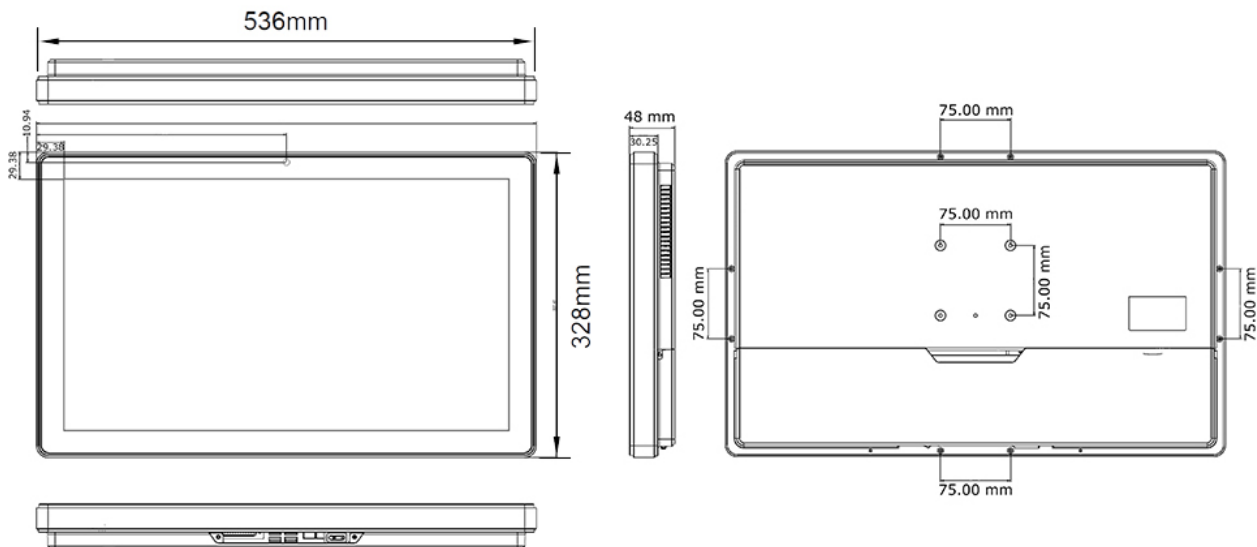
Expansion Slots

Internal Mini PCIe 1x Mini-PCIe
video card support Intel HD Graphics

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.