



Features

- 15" LCD with Resistive or Capacitive Touchscreen
- Intel Apollo Lake Pentium N4200 Quad Core CPU
- Optional Backup Battery for up to 1.5 Hours
- IP65 Full Flat Front Panel
- Fanless and Ultra Slim Design
- Integrated WiFi + Bluetooth with Internal Antennas

Technical Specifications

Primary Components

Processor Family	Intel Pentium Apollo Lake
Processor Model	N4200
Processor Speed	1.10 GHz
Memory Type	1x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage type	1x 2.5" SATA Drive Bay for SSD/HDD, M.2
Storage support	32GB-1TB

Display

Screen Size	15"
Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	350 nits
Viewing Angle	140° (H), 160° (V)
Number of Colors Supported	16.2M

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Light Transmission	Over 80% (Resistive), Over 90% (P-Cap)
Lifetime Usage	50,000 hrs

Expansion Slots

video card support	Intel HD Graphics 505
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Multimedia

Speakers	2x 2W Speakers
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Thermal and Environmental

Operating Temperature	Array (32°F – 104°F)
Humidity Range	20% – 90% Non-condensing
Cooling Solution	Passive – Fanless

External I/O ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	3x COM
Serial Protocol Detail	2x RS-232/422/485 (Configurable in BIOS), 1x RS232
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x Optional VGA
Audio	1x Audio Line-In, 1x Audio Line-Out
Power Input Port	Locking Type

Power

Standard Power Adapter	100~240VAC, Output 9V @ 4.73A
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Battery

Type	Optional Internal Battery
Operating Time	1.5hrs

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro
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Compatibility

Enclosure

Material	Steel
Ip Rating	IP65 Front Bezel
Color	Black
Mounting Options	VESA 100 Mount, VESA 75 Mount

Peripherals & Wireless Connectivity

Dimensions / Weight

Weight	3 KG (6.6 lbs)
Dimensions	359.5 x 291.5 x 37.6 mm (14.2 x 11.5 x 1.5 in)

Certification

Certifications	CE, FCC, IEC 60950-1, VCCI Class B
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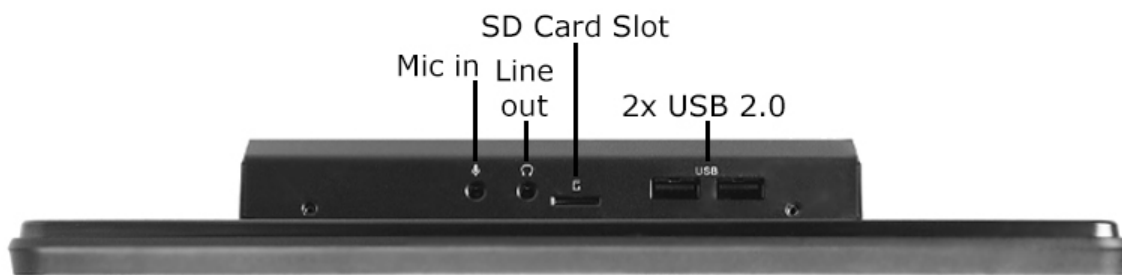
Warranty

Warranty	Up to 5 Years
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Inputs / Outputs

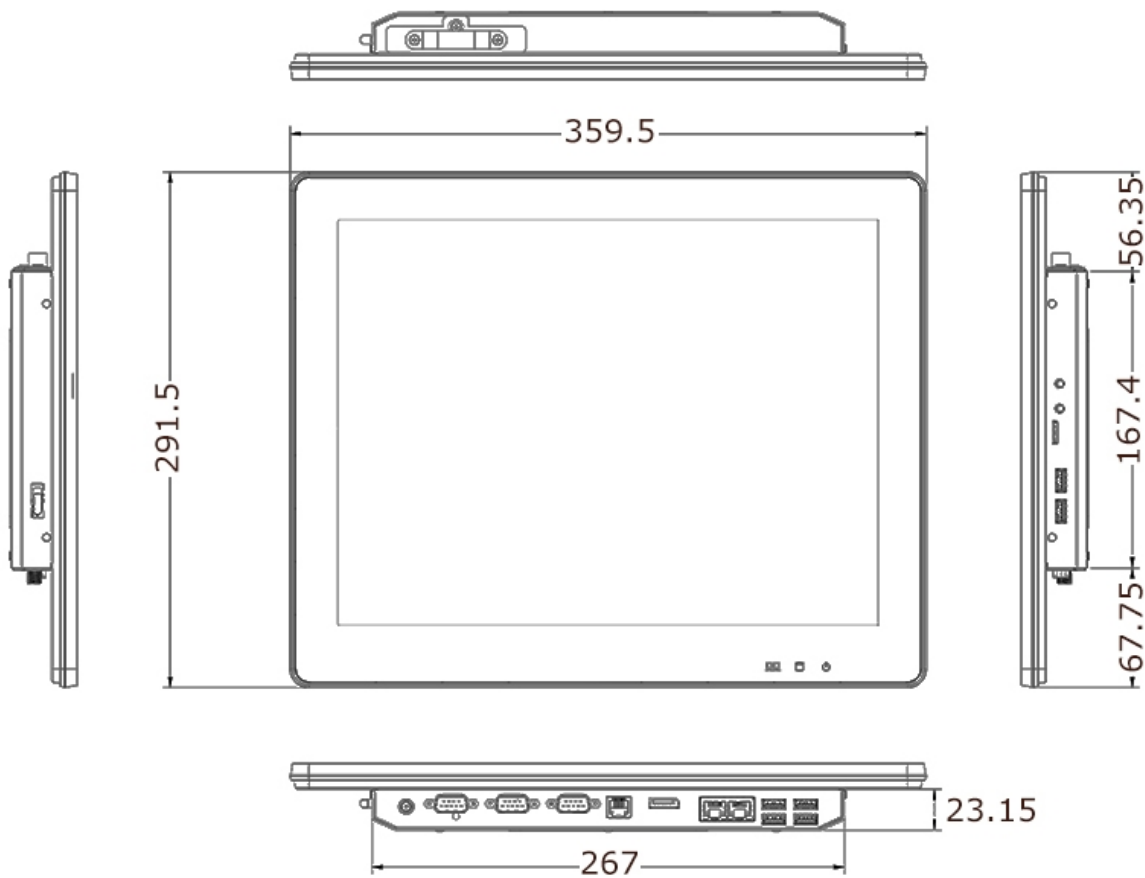


Bottom



Side

Technical Drawings



All specifications are subject to change without notice.