



Features

- 21.5" Widescreen Touchscreen
- Intel Celeron Quad Core Processor
- Stainless Steel Waterproof Enclosure
- IP67 M12 Metal Connectors and IP68 Power Supply
- IP66/IP69K and NEMA 4X Housing

Technical Specifications

Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	J1900 Quad Core
Processor Speed	2.0 GHz
Memory Type	2x DDR3L 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
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	5 Wire Resistive
Hardness	4H

External I/O Ports

USB	2x M12 8Pin for USB 1/2 and USB 3/4
Serial / Com	2x M12 8-pin for COM
Serial Protocol Detail	RS-232
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Power Input Port	M12 type 5-PIN DC-in

Power

Input Voltage Range	7-32V DC
Max Power Consumption	70.4W
Standard Power Adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
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Compatibility

Security Hardware	Optional TPM 2.0
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Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F – 104°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Enclosure

Material	SUS304 Stainless Steel
IP Rating	IP66, IP69K, NEMA 4X, Optional IP67
Mounting Options	Table Mount, VESA 100 Mount, Wall Mount

Peripherals & Wireless Connectivity

WiFi	Optional Bluetooth kit and WLAN with External Antenna
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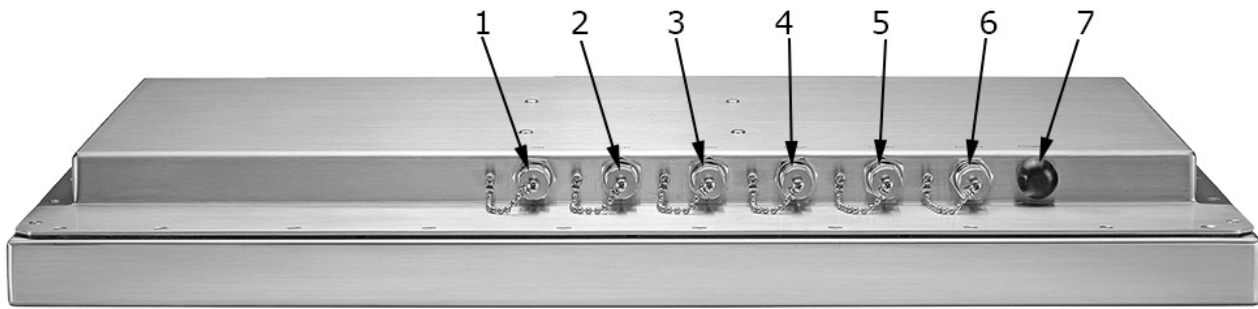
Weight / Dimensions

Weight	12 kg (26.5 lbs)
Dimensions	557 x 58.5 x 348.5 mm (21.9 x 2.3 x 13.7 in)

Warranty

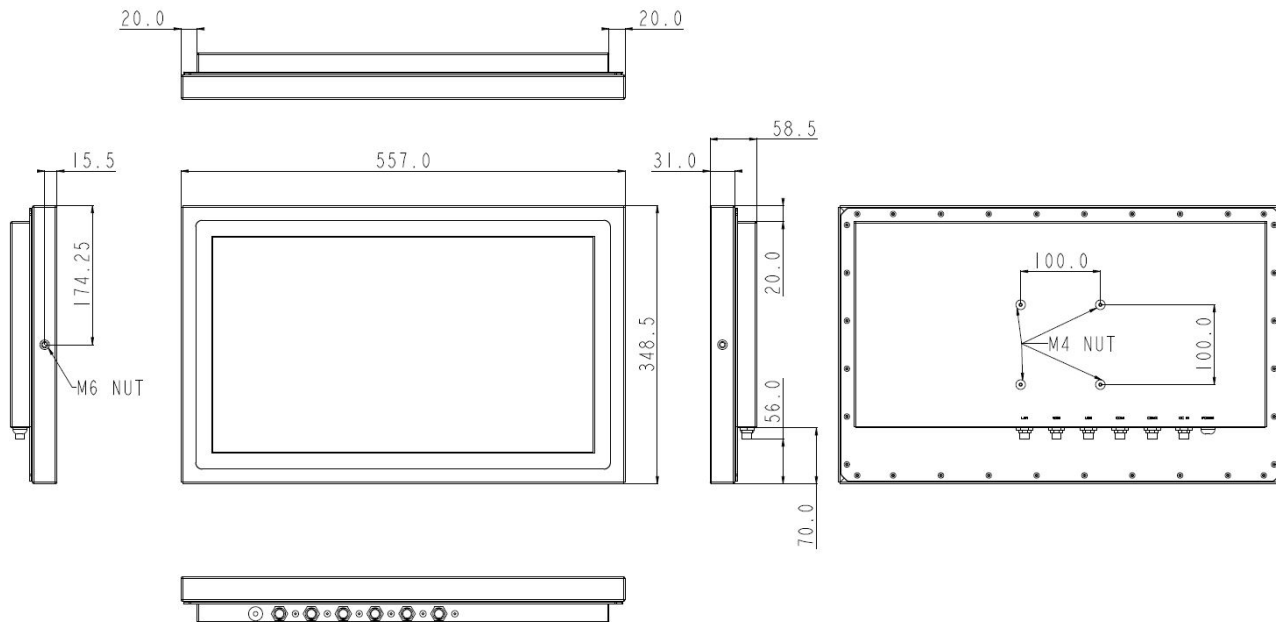
Warranty	Up to 5 Years
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I/O Diagram Images



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|---|----------------------------------|
| 1. M12 8 Pin Connector for LAN | 5. M12 8 Pin Connector for COM 2 |
| 2. M12 8 Pin Connector for Dual USB 2.0 | 6. M12 5 Pin DC Power Connector |
| 3. M12 8 Pin Connector for Dual USB 2.0 | 7. Power Button |
| 4. M12 8 Pin Connector for COM 1 | |

Tech Diagram Images



All specifications are subject to change without notice.