



Features

- 19" 5:4 Ratio Touchscreen
- Intel Celeron Quad Core Processor
- NEMA 4X / IP66 / IP69K Stainless Steel Enclosure
- Fully Sealed and Truly Fanless Design
- M12 Metal I/O Connectors

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 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 19"
Resolution 1280 x 1024 (SXGA)
Screen Ratio 5:4
Brightness 350 nits
Contrast Ratio 1000:1
Viewing Angle 170° (H), 160° (V)

Expansion Slots

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

Multimedia

Thermal and Environmental

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

Touch Screen

Touch Screen	5 Wire Resistive
Light Transmission	80±5%
Hardness	Resistive: 4H, P-cap: 7H
Glass Thickness	2.4mm

Enclosure

Material	SUS304 Stainless Steel
Ip Rating	IP66, IP69K, NEMA 4X, Optional IP67
Color	Stainless Steel
Control Buttons	Power Button, Power Reset
Mounting Options	Table Mount, VESA 100 Mount, Wall Mount
Approved Cleaning Solutions	Acetic Acid (low concentration), Ammonium Nitrate (low concentration), Benzine, Citric Acid (low concentration), Ethanol, Ethylene Glycol Solution (1:1 with water), Hexane, Hydrochloric Acid (low concentration), Iron Chloride Solution, Isooctane, Isopropyl Alcohol, Nitric Acid (low concentration), Paraffin, Perhydrol (30% in water), Phosphoric Acid (low concentration), Propane, Silicone Oil, Sodium Carbonate (low concentration), Sodium Chloride Solution, Sodium Nitrate (low concentration), Sulfuric Acid (low concentration), Triethylene Glycol

Cleaning Instructions [View instructions here](#)

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

Peripherals & Wireless Connectivity

WiFi	Optional Bluetooth kit and WLAN with External Antenna
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Power

Input Voltage Range	7-32V DC
Max Power consumption	35W
Standard Power Adapter	AC 100~240V / 47 ~ 63 Hz, IP68, 60W

Dimensions / Weight

Weight	11 KG (24.3 lbs)
Dimensions	458 x 64 x 386 mm (18.0 x 2.5 x 15.2 in)

Battery

Certification

Certifications	CE, FCC Class A, VCCI
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Operating Systems

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

Warranty

Warranty Up to 5 Years

Compatibility

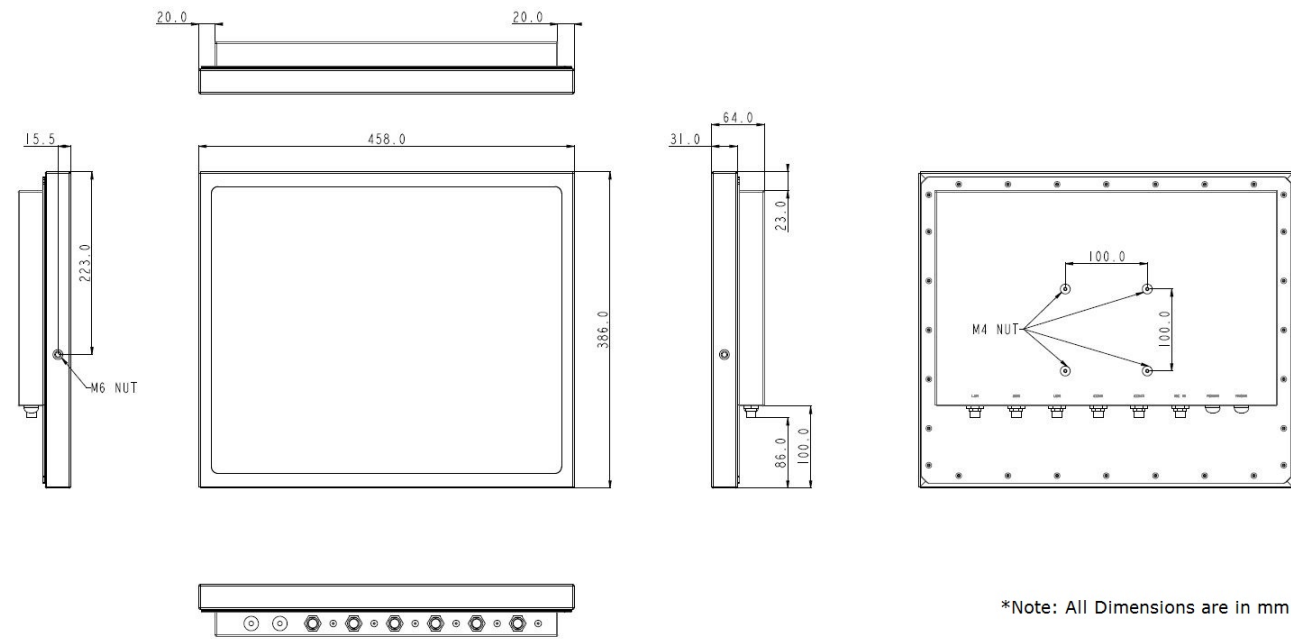
Security Hardware Optional TPM 2.0

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.