



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

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
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	350 nits

Touch Screen

Touch Screen	5 Wire Resistive
Hardness	Resistive: 4H, P-cap: 7H

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	35W
Standard Power Adapter	AC 100~240V / 47 ~ 63 Hz, IP68, 60W

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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Expansion Slots

Video Card Support	Intel HD Graphics
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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
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), Benzene, 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

Peripherals & Wireless Connectivity

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

Weight

11 kg (24.3 lbs)

Dimensions

458 x 64 x 386 mm (18.0 x 2.5 x 15.2 in)

Certification

Certifications

CE, FCC Class A, VCCI

Warranty

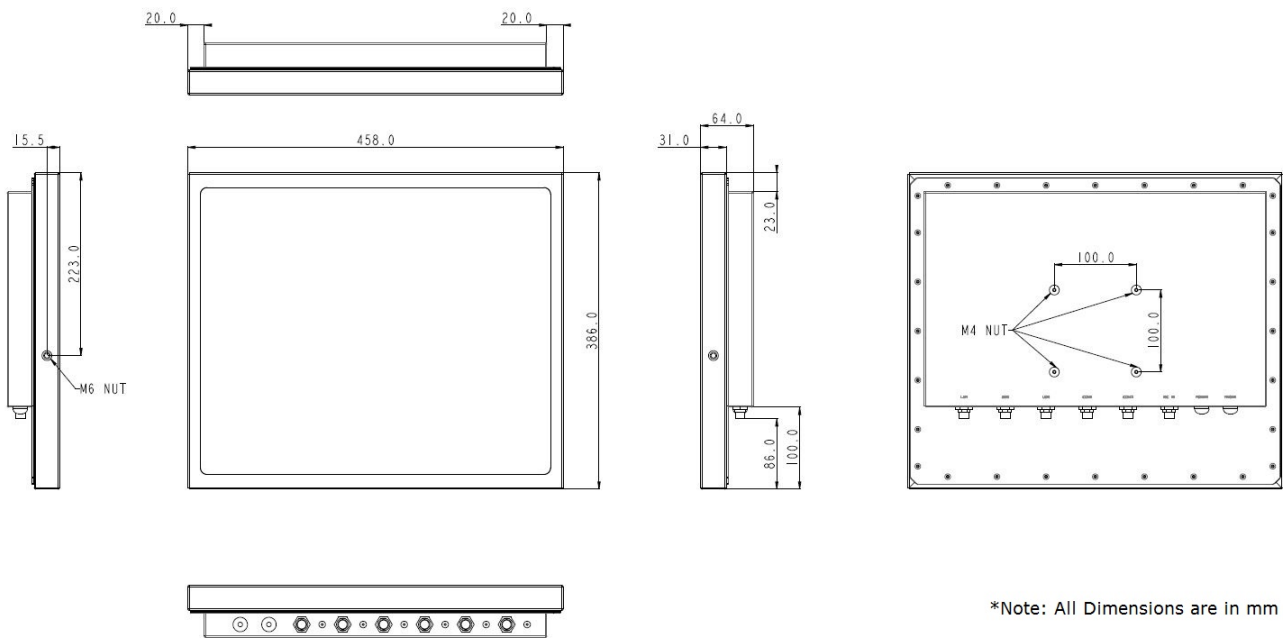
Warranty

Up to 5 Years

I/O Diagram Images

Stainless Steel Computer Inputs Outputs TS-4010-19

Tech Diagram Images



All specifications are subject to change without notice.