



Features

- 18.5" LCD Screen
- Intel Bay Trail J1900, Quad Core 2G/2.42G
- Up to 8GB of DDR3L Memory
- Waterproof M12 Metal Connections
- Full IP67 Protected Enclosure
- SUS316 Steel Housing Available

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 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 18.5"
Resolution 1366 x 768
Screen Ratio 16:9
Brightness 250 nits
Contrast Ratio 1000:1
Viewing Angle 170° (H), 160° (V)
Number of Colors Supported 16.7M

Touch Screen

Touch Screen Projected Capacitive (Multi-touch)
Hardness > 6H

Expansion Slots

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

Multimedia

Thermal and Environmental

Operating Temperature Array (32°F – 122°F)
Storage Temperature Array (-4°F – 140°F)
Humidity Range 10% – 95% Non-condensing
Cooling Solution Passive – Fanless

Enclosure

Material Stainless Steel
Ip Rating IP67
Color Black, Stainless Steel
Mounting Options VESA Mount

External I/O ports

USB	2x USB 2.0
Serial / Com	2x COM
Serial Protocol Detail	2x RS-232, optional x1 as RS-232/422/485
Ethernet / LAN	1x RJ45 GbE LAN
Power Input Port	4-Pin DC-In Jack

Power

Standard Power Adapter	65W/DC 19V, Included
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Battery

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro
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Compatibility

Peripherals & Wireless Connectivity

Dimensions / Weight

Weight	6.7 KG (14.8 lbs)
Dimensions	464.6 x 48 x 285.2 mm (18.3 x 1.9 x 11.2 in)

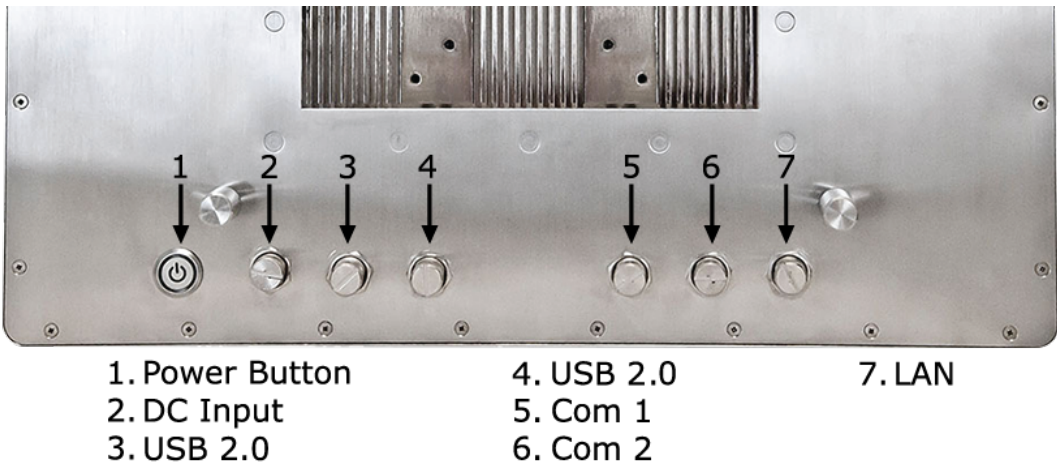
Certification

Certifications	CE, FCC, FCC Class A
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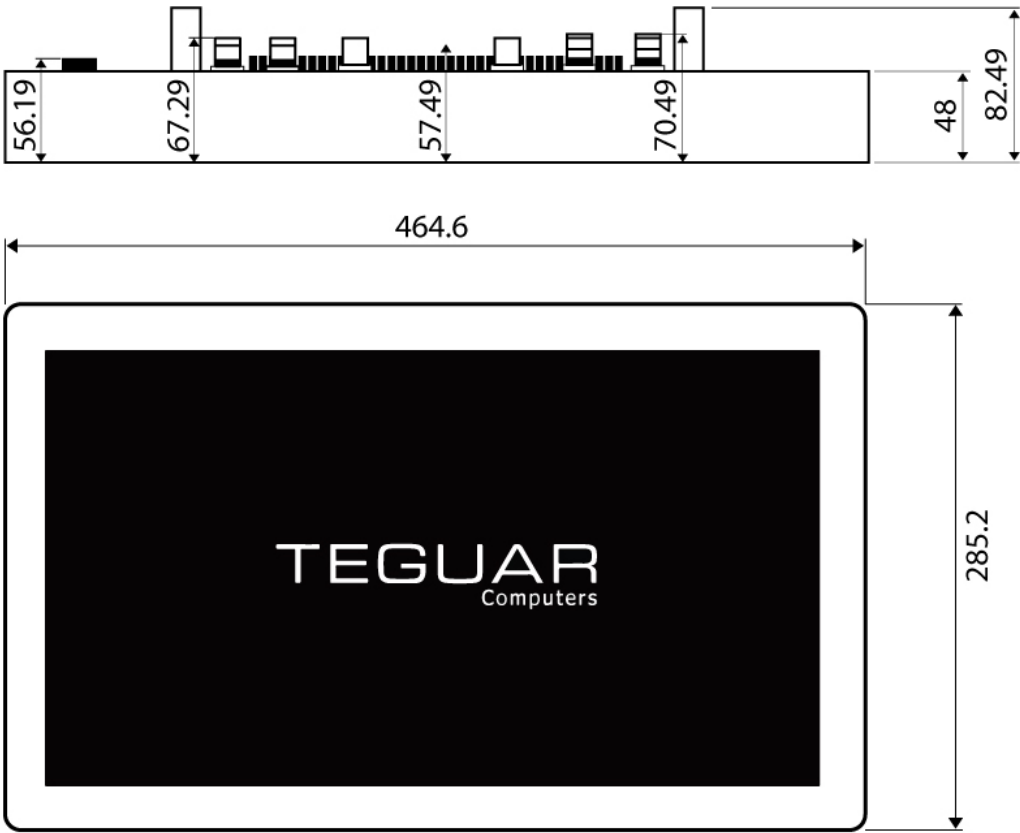
Warranty

Warranty	Up to 5 Years
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.