



Features

- 21.5" Flat Front Panel Touchscreen
- Intel Celeron N2930 Processor
- IP66/IP69K Compliant Front Bezel
- 304 Stainless Steel Front Bezel (Optional 316)
- Aluminum Back Cover and Fanless Design

Technical Specifications

General

Main Category Industrial Computer

Primary Components

Processor Family Intel Celeron Bay Trail
Processor Model N2930
Processor Speed 1.83 GHz
Memory Type Onboard DDR3
Memory Support 4GB
Storage type 1x 2.5" SATA Drive Bay for
SSD/HDD (easily accessible)
Storage support 32GB-1TB

Display

Screen Size 21.5"
Resolution 1920 x 1080 (Full HD)
Screen Ratio 16:9
Brightness 250 nits, Optional 1000 nit
High Brightness
Contrast Ratio 700:1
Viewing Angle 178° (H), 178° (V)
Number of Colors 16.7M
Supported

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe

Multimedia

Thermal and Environmental

Operating Array
Temperature (32°F – 122°F)
Storage Temperature Array
(-22°F – 158°F)
Storage Humidity 10% – 90% Non-condensing
Cooling Solution Passive – Fanless

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Light Transmission	Over 80% (Resistive), Over 90% (P-Cap)
Lifetime Usage	30,000 hrs, 50,000 hrs (High Brightness)

Enclosure

Material	Aluminum, SUS304 Stainless Steel, Optional SUS316 Stainless Steel
Ip Rating	IP66 Front Bezel, IP69K Front Bezel
Mounting Options	Panel Mount, VESA 100 Mount
Approved Cleaning Solutions	Acetone, Alcohol, Club Soda, Hydrochloric Acid, Methyl Alcohol, Mineral Spirits, Nitric Acid, Sulfuric Acid (low concentration), Vinegar, Warm Water
Cleaning Instructions	View instructions here

External I/O ports

USB	2x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1), 1x RS-232 DB-9(COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x Optional HDMI
Audio	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Peripherals & Wireless Connectivity

Power

Input Voltage Range	9-36V DC
Max Power consumption	30W
Standard Power Adapter	Optional 12V AC/DC Adapter

Dimensions / Weight

Weight	7.8 KG (17.2 lbs)
Dimensions	574 x 379 x 60 mm (22.6 x 14.9 x 2.4 in)

Battery

Certification

Certifications	CE, EN 1672-2 Complaint (PCAP Touchscreen Only), FCC Class A
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Operating Systems

Warranty

Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro, Windows 7 Pro	Warranty	Up to 5 Years
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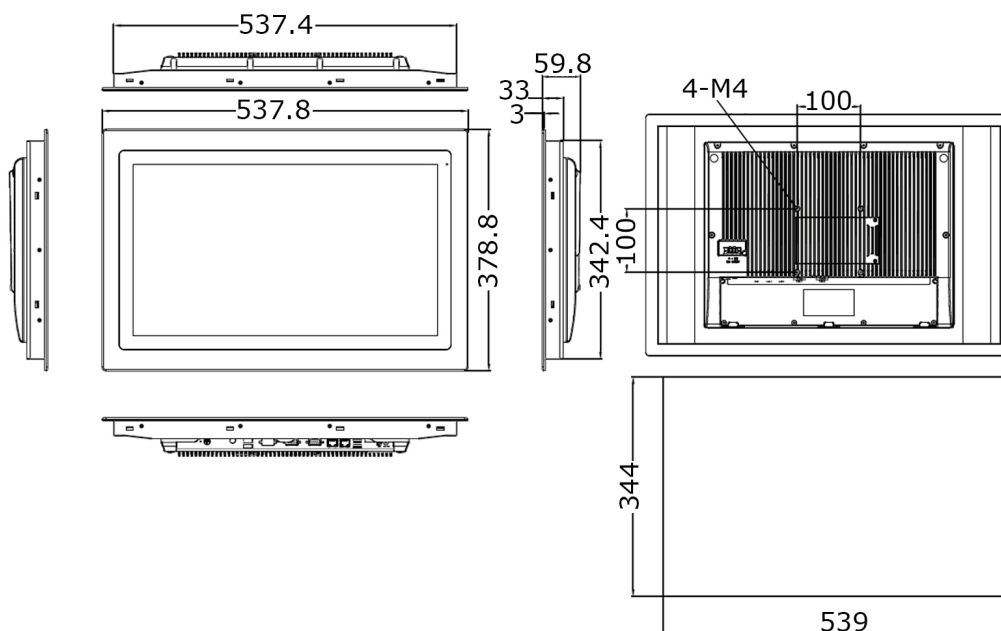
Compatibility

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.