



Features

- 7" Flat Front Panel Touchscreen
- Intel Celeron N2930 CPU
- Stainless Steel IP66/IP69K Front Bezel
- Fanless Design
- Wide Range DC 9~36V Power Input

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 1.8" Half Size MO297 SATA
 Drive Bay
Storage support 32GB-256GB

Display

Screen Size 7"
Resolution 800 x 480 (WVGA)
Screen Ratio 5:3
Brightness 350 nits, Optional 1000 nit
 High Brightness
Contrast Ratio 400:1
Viewing Angle 140° (H), 110° (V)
Number of Colors 262K
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
Light Transmission	Over 90%
Lifetime Usage	40,000 hrs

Enclosure

Material	Aluminum, SUS304 Stainless Steel, Optional SUS316 Stainless Steel
Ip Rating	IP66 Front Bezel, IP69K Front Bezel
Mounting Options	Panel Mount, VESA 75 Mount
Approved Cleaning Solutions	Alcohol, Chlorine and Compounds, Glutaraldehyde, Hydrogen Peroxide, Ortho-phthalaldehyde (OPA), Quaternary Ammonium Compounds
Cleaning Instructions	View instructions here

External I/O ports

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
Power Input Port	3-Pin DC-In (Phoenix Type)

Peripherals & Wireless Connectivity

Power

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

Dimensions / Weight

Weight	1.2 KG (2.6 lbs)
Dimensions	217 x 163 x 44 mm (8.5 x 6.4 x 1.7 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 8.1 Pro	Warranty	Up to 5 Years
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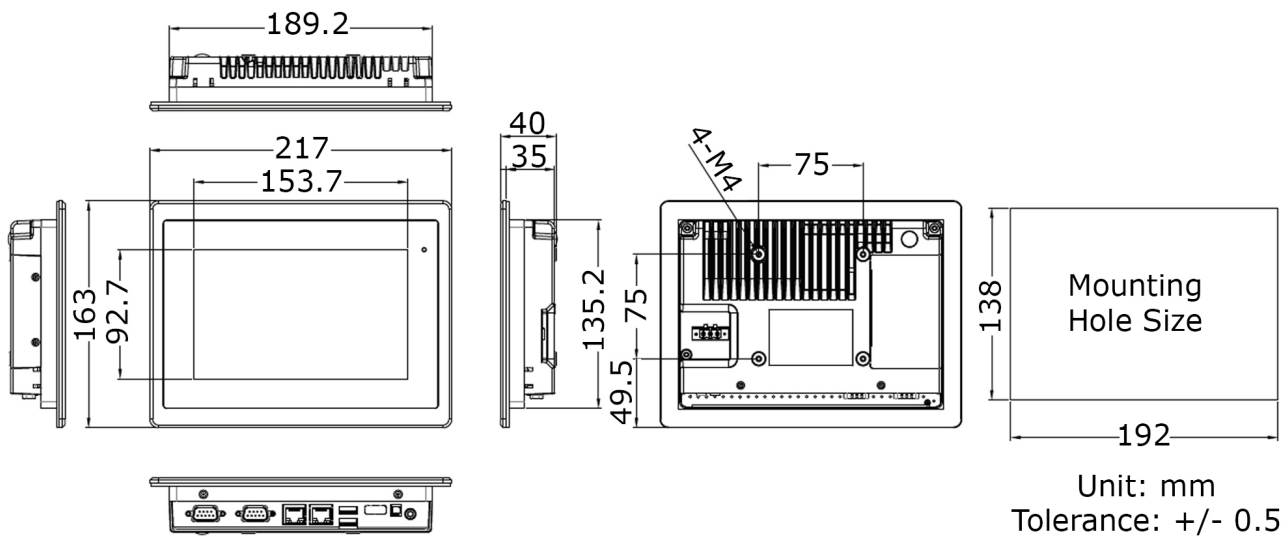
Compatibility

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.