



Features

- 17" TFT-LCD Touchscreen
- Intel 6th Gen. Skylake CPU
- Wide Range DC 9~36V Power Input
- 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 Core I series 6th Generation Skylake
Processor Model Core i3-6100U
Processor Speed 2.3 GHz
Memory Type 1x DDR4 SO-DIMM
Memory Support 4GB, 8GB, 16GB
Storage type 1x 2.5" SATA Drive Bay for SSD/HDD (easily accessible)
Storage support 32GB-1TB

Display

Screen Size 17"
Resolution 1280 x 1024 (SXGA)
Screen Ratio 5:4
Brightness 350 nits, Optional 1000 nit High Brightness
Contrast Ratio 1000:1
Viewing Angle 160° (H), 140° (V), 170° (H), 160° (V) High Brightness
Number of Colors Supported 16.7M

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe
SD card 1x Full Size SD Slot

Multimedia

Thermal and Environmental

Operating Temperature Array (32°F – 122°F)
Storage Temperature Array (-4°F – 140°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	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 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)

Power

Input Voltage Range	9-36V DC
Max Power consumption	56W
Standard Power Adapter	Optional 12V AC/DC Adapter

Peripherals & Wireless Connectivity

WiFi	WiFi
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Dimensions / Weight

Weight	5.1 KG (11.2 lbs)
Dimensions	449 x 358 x 63.8 mm (17.7 x 14.1 x 2.5 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 7 Pro	Warranty	Up to 5 Years
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Compatibility

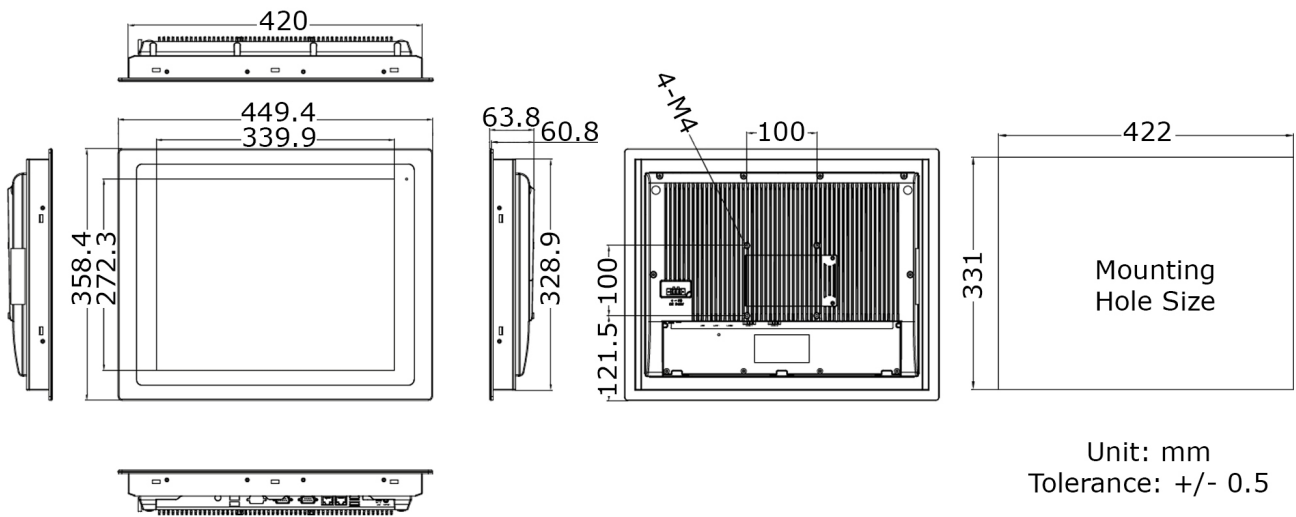
Filters

Security Hardware	TPM 2.0
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.