



Features

- 21.5" LED Full Flat Resistive/P-cap Touchscreen
- Windows 11 Capabilities
- Intel Core i5-8365UE Quad Core CPU
- Fanless Cooling System
- IP66 Front Rated Bezel

Technical Specifications

General

Main Category Industrial Computer

Expansion Slots

Internal M.2 1x M.2 2230 Key E (for WiFi expansion option)

Primary Components

Processor Family Intel Core I series 8th Generation Whiskey Lake-U

Processor Model Core i5-8365UE

Processor Speed 1.6 GHz, Up to 4.1 GHz

Memory Type 2x DDR4 SO-DIMM

Memory Support 32GB

Storage type 1x M.2 SATA3 2280 Slot

Storage support 128GB-1TB

Multimedia

Display

Screen Size 21.5"

Resolution 1920 x 1080 (Full HD)

Screen Ratio 16:9

Brightness 250 nits

Contrast Ratio 1000:1

Viewing Angle 170° (H), 160° (V)

Number of Colors Supported 16.7M

Thermal and Environmental

Operating Temperature Array (32°F – 122°F)

Storage Temperature Array (-4°F – 149°F)

Humidity Range 10% – 90% Non-condensing

Storage Humidity 10% – 90% Non-condensing

Cooling Solution Passive – Fanless with Heatsink

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch), Resistive
Light Transmission	80±5% (Resistive), >86% (P-Cap)
Hardness	Resistive: 3H, P-cap: 7H

Enclosure

Material	Aluminum front bezel and SECC Steel Chassis
Ip Rating	IP66 Front Bezel
Color	Black
Control Buttons	Power Switch
Mounting Options	Panel Mount, VESA 75 Mount

External I/O ports

USB	4x USB 3.1
Serial / Com	3x COM
Serial Protocol Detail	1x RS-232, 2x RS-232/422/485
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x HDMI
Audio	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	4-Pole DIN (latching)

Peripherals & Wireless Connectivity

Power

Input Voltage Range	19-28V DC
Max Power consumption	90.9W
Standard Power Adapter	100W, 100-240Vac, 19Vdc, 5.26A

Dimensions / Weight

Weight	9.6 KG (21.2 lbs)
Dimensions	584.2x91.5x364.6 mm (23.0 x 3.6 x 14.4 in)

Battery

Certification

Operating Systems

Windows	Windows 11 Pro, Windows 10 IoT, Windows 10 Pro
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Warranty

Warranty	1 Year
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Compatibility

Security Hardware	Optional TPM 2.0
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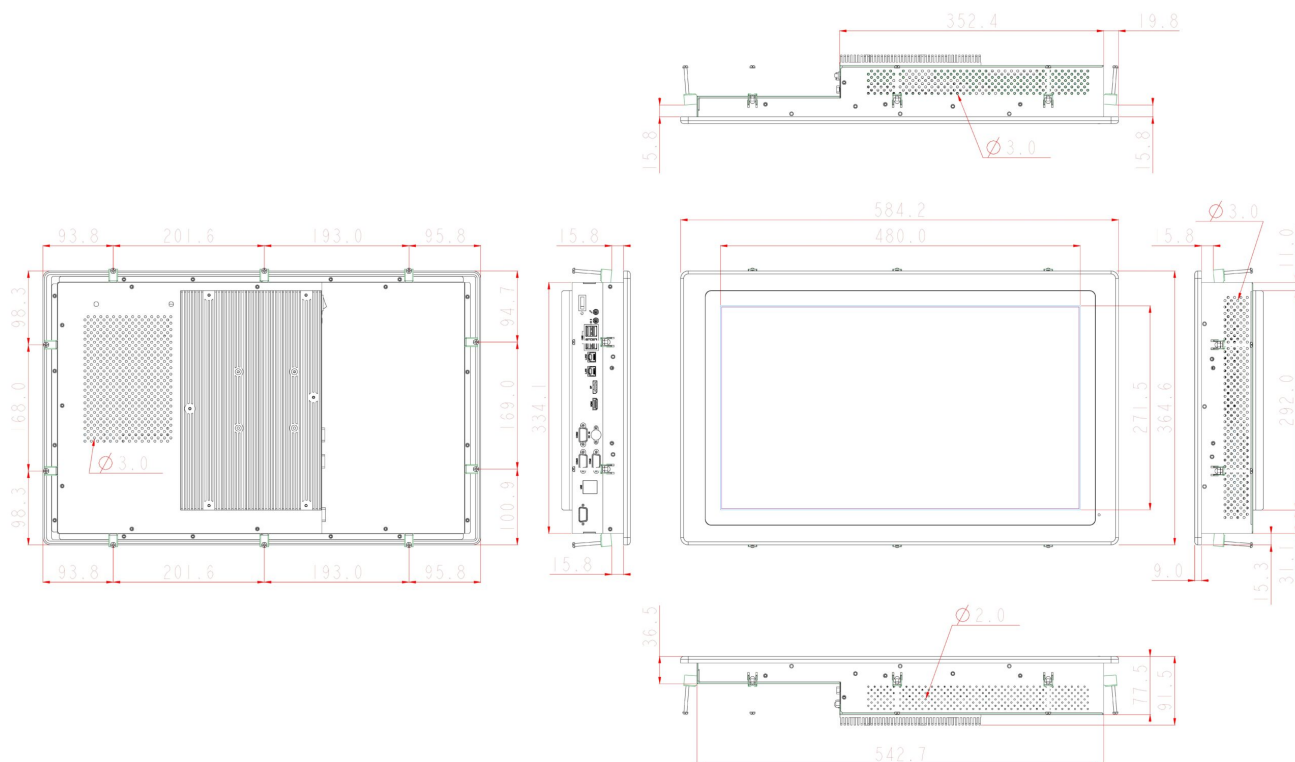
Filters

Main Category Filter	Industrial Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.