



Features

- 21.5" Fully Flat Touchscreen
- Intel 9th Generation 6-Core i5 CPU
- Fanless Cooling System
- High TDP Processor
- IP66 Front Rated Bezel
- Multiple inputs and outputs including 4x USB

Technical Specifications

Primary Components

Processor Family	Intel Core-I Series 9th Generation Coffee Lake
Processor Model	Core i5-9500TE
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB, 64GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (easily accessible), 1x M.2 2280 NVME SSD slot
Storage Support	M.2 and 2.5": 128GB - 1TB

Display

Screen Size	21.5
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch), 5 Wire Resistive
Hardness	Resistive: 3H, P-cap: 7H

External I/O Ports

USB	4x USB 3.1
Serial / Com	3x COM
Serial Protocol Detail	2x RS-232, 1x RS-232/422/485
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	3x DisplayPort 1.2
Audio Ports	1x Audio Line-Out, 1x Mic-In
Power Input Port	4-Pin DC-In (Phoenix Type Terminal Block)

Power

Input Voltage Range	19-28V DC
Standard Power Adapter	Optional 150 watt, universal 100 ~240V AC in, 19V DC out, 7.8A

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
Linux	Linux Ubuntu 20.04 or above (Contact your sales rep for more information)

Compatibility

Security Hardware	fTPM 2.0
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Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless with Heatsink

Enclosure

Material	Aluminum front bezel and SECC Steel Chassis
IP Rating	IP66 Front Bezel
Color	Black
Mounting Options	Panel Mount, VESA 75 Mount

Peripherals & Wireless Connectivity

WiFi	Optional 802.11 ac + Bluetooth with External Antennas
Bluetooth	Optional Bluetooth 4.0

Weight / Dimensions

Weight	11.3 kg (24.9 lbs)
Dimensions	584 x 365 x 121 mm (23.0 x 14.4 x 4.8 in)

Certification

Certifications	CE, FCC
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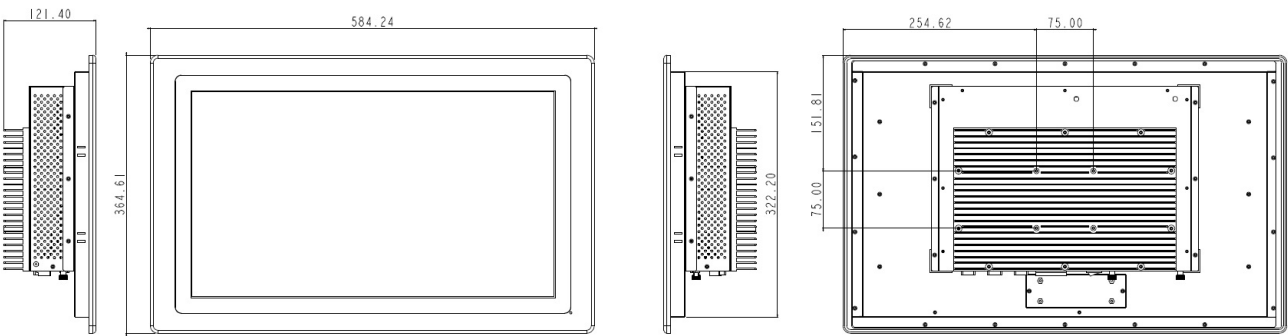
Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images

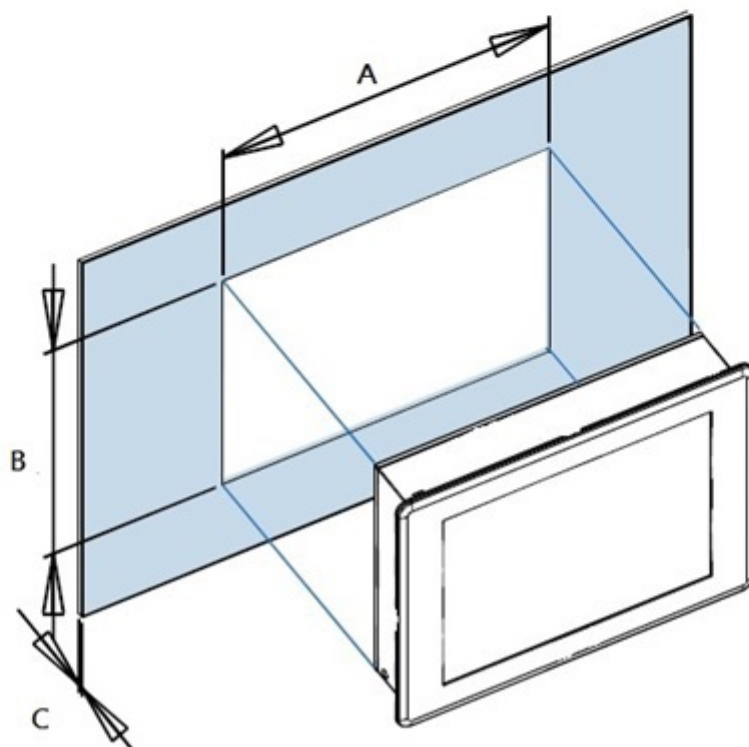


Panel Mount installation

1. The Panel PC can be panel mounted and comes with brackets and screws for this purpose. The required cutout for panel mounting and maximum panel thickness is shown below.

	A	B	C
15"	357	292	12
17"	392	319	12
19"	459	354	16
22"	536	326	8
24"	606	374	8

Unit: mm



All specifications are subject to change without notice.