



Features

- 23.8" Fully Flat Touchscreen
- Intel 9th Generation 6-Core i5 CPU
- Fanless Cooling System
- IP66 Front Rated Bezel
- Multiple inputs and outputs including 4x USB 3.1, 3x COM, 2x Lan, and 3x Display port 1.2
- High TDP Processor

Technical Specifications

General

Main Category Industrial Computer

Expansion Slots

Internal Mini PCIe	1x Mini-PCIe
PCIe Slot	1x PCI-E (x16)
PCIe Expansion Details	Single slot, max size 225x110mm, max power draw supported 25W

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

Multimedia

Display

Screen Size	23.8"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Thermal and Environmental

Operating Temperature	Array (32°F – 122°F)
Storage Temperature	Array (-4°F – 140°F)
Cooling Solution	Passive – Fanless with Heatsink

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	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	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

Battery

Operating Systems

Windows	Windows 11 Pro, Windows 10 IoT, Windows 10 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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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

Dimensions / Weight

Weight	12.8 KG (28.2 lbs)
Dimensions	654 x 412 x 121 mm (25.7 x 16.2 x 4.8 in)

Certification

Certifications	CE, FCC
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Warranty

Warranty	Up to 5 Years
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Filters

Main Category Filter	Industrial Computer
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Inputs / Outputs



All specifications are subject to change without notice.