



Features

- 24” Touchscreen Size
- Intel 12th Generation CPU, Passmark 24599
- Built-in Power Supply
- Windows 11 Compatible
- Die Cast Housing with an IP65 Waterproof Rating

Technical Specifications

Primary Components

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Core i5 12600HE
Memory Type	2x DDR5 SO-DIMM
Memory Support	8GB, 16GB, 32GB, 64GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (Internal, not with removable drive in use), 1x M.2 2280 NVME SSD slot
Storage Support	M.2 and 2.5": 128GB - 1TB

Display

Screen Size	23.8"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	400 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	6H

External I/O Ports

USB	4x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x DisplayPort, supports DP++, 1x HDMI 2.0b
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	C13, 3-Prong AC Plug

Power

Standard Power Adapter	Built-In AC 100-240V/47-60Hz to DC 24V, 250W
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Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro
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Compatibility

Security Hardware	TPM 2.0, Intel vPro
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Multimedia

Camera	Optional 5MP Webcam
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Thermal & Environmental

Operating Temperature	0°C - 35°C (32°F – 95°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing

Enclosure

Material	Aluminum, Anti-Microbial
IP Rating	IP65 Front Bezel, IP54 with cable cover
Color	White
Control Buttons	Brightness Down, Brightness Up, Clean me, Display on/off, Enter, Exit, Menu, Power Button, Video Input Selection
Programmable Function Buttons	1x Programmable Function Key
Mounting Options	VESA 100 Mount

Peripherals & Wireless Connectivity

WiFi	802.11 a/b/g/n/ac/ax
Bluetooth	Bluetooth 5.0
RFID	Optional
Peripheral Other	POAG-Grounding Pin built-in

Weight / Dimensions

Weight	11.2 kg (24.7 lbs)
Dimensions	580 x 59 x 350 mm (22.8 x 2.3 x 13.8 in)

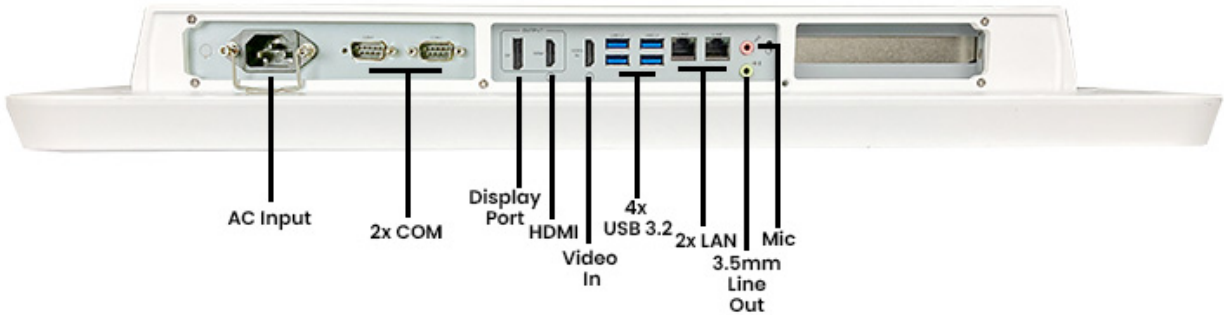
Certification

Certifications CE, FCC, 60601-1 3.2 Edition

Warranty

Warranty Up to 5 Years

I/O Diagram Images



Tech Diagram Images

TM-7110-24 Technical Drawing

All specifications are subject to change without notice.