

Medix M24Tv4

Technical Specifications

Features

- 24" Cleanable / PCAP Touch Screen
- Intel 10th Gen. Core i7/i5 Processors
- 2 x 260-pin DDR4 SO-DIMM, up to 64GB
- High Performance NVMe storage
- Antimicrobial Enclosure
- Fanless Construction w/Heat Pipes
- TPM 2.0 (fTPM)
- Optional UPS Battery Backup
- Optional vPro
- Optional Single Sign-on RFID (Integrated)



Specifications

Display

LCD Size	23.8" (16:9)
Max Resolution	1920 x 1080 (FHD)

Touch

Touch Screen	Projected Capacitive w/10 points
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System

Processor	Intel 10 th Gen. Core i5/i7 Processors – 35 Watt (Comet Lake)
System Chipset	Intel H470 (Comet Lake)
Graphics Controller	Intel HD Graphic 630 (Core CPU)
LAN Chipset	1 x GbE: Intel I219-V 1 x GbE: Realtek RTL8111
Audio	Realtek ALC283
System Memory	Up to 64GB DDR4 2133/2400 (2 x SO-DIMM)
BIOS	Insyde 64Mbit
TPM	TPM 2.0 (fTPM)
vPro	Yes (Optional)

Storage

M.2 NVMe	1 x Up to 2TB NVMe M.2 2280 "M" Key (PCIe x 4)
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Expansion

M.2	1 x M.2 (M Key) supports M.2 2280 1 x M.2 (E Key) support M.2 2230
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Other Features

Cooling Method	Fanless w/ Heat Pipes
Internal Speaker	2 x 1W speakers
WebCam	1 x 5Mpixel Camera (Optional)

I/O

Video	1 x HDMI
COM	3 x DB9 Serial RS232
USB	4 x USB 3.0 (Rear) 2 x USB 2.0 (Rear)
LAN	2 x GbE RJ45
WLAN	802.11 AX + BT 5.1 LE (Intel WiFi AX200)
Audio	1 x Line-out

Others	1 x Power Switch 4 x Function Buttons 1 x SSO RFID (Optional) 1 x Smart Card / CAC Reader (1/2 length) 1 x Keystroke RFID (Optional) 2 x Built-in Microphones
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Operating System

Windows	Windows 10 Pro 64bit (UEFI Only) Windows 10 IoT SAC/LTSC 64bit (UEFI Only) Windows 11 Pro Windows 11 IoT SAC
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Power

Power Input Voltage	19 VDC
Power Connector	Barrel Plug
Battery	1 x Li-ion UPS Backup Only (Optional) 24W – 11.1V @2100 mah
Power Adapter	External Power Adapter, 19V @6.31A

Environment

Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	10% to 90% non-condensing
IP Level	IP65 Front IP x 2 Back

Certification	<ul style="list-style-type: none"> • CE • EN-55011: 2009+A1: 2010 Class B • EN-60601-1: 2006 • IEC 60601-1-6: 2010/AMDI:2013, 1807005-CB • EN-60601-1-2: 2-15 • EN-61000-3-2: 2014 • EN-61000-3-3: 2013, UL/CUL 60601-1 • FCC • EnergyStar 8.0
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Physical

Enclosure Materials	ABS + PC Plastics Enclosure, Antimicrobial Enclosure
Dimension W x H x D	22.3" x 14.6" x 1.8" (567/0mm x 370.5mm x 45.2mm)
Weight	Without base: 13.1 lbs. (5.95 kg) With base: 17.6 lbs. (8 kg)
Mounting	VESA 100, Optional Stand

Warranty

Warranty	<ul style="list-style-type: none"> • 1-year standard
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