

# Medix M24T

## Technical Specifications

### Features

- Intel 10th Gen. vPro Core i7/i5 processors
- 2x 260-pin DDR4 SO-DIMM, up to 64GB
- High Performance NVMe storage
- Antimicrobial Enclosure
- Fanless Construction with 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 (optional)
--------------	---

#### System

Processor	Intel 10 <sup>th</sup> Gen. Core i7/i5 Processors – 35W (Comet Lake)
System Chipset	Intel H470 (Comet Lake)
Graphics Controller	Intel HD Graphics 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)

#### Operating System

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

#### Storage

NvMe	1 x up to 2TB NVMe M.2 2280 "M" key (PCIe x 4)
------	--

#### Expansion

M.2	1 x M.2 (M key) supports M.2 2280 1 x M.2 (E key) supports M.2 2230
-----	--

#### 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 6 AX200)
Audio	1 x line-out
Others	1 x power switch 4 x function buttons 1 x SSO RFID (optional) 1 x Keystroke RFID (optional)

#### 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 IPX2 back
Certification	<ul style="list-style-type: none"> <li>• CE</li> <li>• EN 55011: 2009+A1: 2010 Class B</li> <li>• EN 60601-1: 2006</li> <li>• IEC 60601-6: 2010/AMD1: 2013</li> <li>• 1807005-CB</li> <li>• EN 60601-1-2: 2015</li> <li>• EN 61000-3-2: 2014</li> <li>• EN 61000-3-3: 2013</li> <li>• UL/cUL 60601-1</li> <li>• FCC</li> <li>• EnergyStar 8.0</li> </ul>

#### Physical

Enclosure Materials	ABS + Aluminum Alloy, antimicrobial enclosure
Dimension W x H x D	22.34" x 13.78" x 1.78" (567.6mm x 350.1mm x 45.2mm)
Weight	Without base: 16.4 lb (7.44 kg) With base: 21.8 lb (9.89 kg)
Mounting	VESA 100, optional stand

#### Warranty

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