

# Medix 24B

## Technical Specifications

### Features

- 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)
- Battery Powered Operation w/ Battery LED Indicators
- Hot-Swappable Batteries for Continuous Operation
- Optional vPro



### 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> Ge, Core i7/i5 Processors – 35W (Comet Lake)
System Chipset	Intel H470 (Comet Lake)
Graphics Controller	Intel HD Graphics 360 (Core CPU)
LAN Chipset	1 x GbE: Intel I219-V
Audio	Realtek ALC256
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) Windows 11 Pro Windows 11 IoT SAC
---------	---

#### Storage

NVMe	1x Up to 2TB NVMe M.2 2280 "M" Key (PCIe x4)
------	--

#### Expansion

M.2	1 x M.2 (M key) supports M.2 2280 (Reserved for NVMe) 1 x M.2 (E key) supports M.2 2230 (Reserved for WiFi)
-----	--

#### Other Features

Cooling Method	Fanless w/ heat pipes
Internal Speaker	2 x 1W speakers
WebCam	1 x 5Mpixel Camera w/ Dual Mic (Optional)

#### I/O

Video	1 x HDMI out
COM	2 x D89 Serial RS232
USB	4 x USB 3.0 (rear) 2 x USB 2.0 (side)
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 SmartCard reader Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart cards (Optional) 1 x SSO RFID (Optional)  1 x Reading Light w/On/OFF switch (Bottom) 3 x DC outputs power module, 12V@3.75A, 15V@3A, 19V@2.3A (Optional)

#### Power

Power Input Voltage	19 VDC
Power Connector	Barrel plug
Battery	3 x Li-ion 11.1 V @ 7800mAh
Power Adapter	External power adapter, 19V @ 6.31A

#### Physical

Enclosure Materials	ABS + PC plastics, antimicrobial enclosure
Dimension (W x H x D)	22.2" x 14.6" x 1.62" (564.3mm x 370.8mm x 41.2mm)
Weight	Without battery: 14.1lbs (6.4kg) With 3 batteries: 17.4lbs (7.9kg)
Mounting	VESA 100, optional stand

#### 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

- ANSI/AAMI ES60601-1
- IEC60601-1, IEC60601-1-2
- FCC Part 18, FCC Part 15 Class B
- CE-EMC

#### Warranty

- 1-year standard