

Medix 24B v2

Features

- Intel 14th Gen. Mobile Ultra 5/7 Processors
- 2x 260-pin DDR5 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
- Hot-Swappable Batteries for Continuous Operation
- Optional Single Sign-On RFID (Integrated)



Technical Specifications

Display	
LCD Size	23.8 (16:9)
Max Resolution	1920 x 1080 (FHD)
Touch	
Touch Screen	Projected Capacitive w/10 points
System	
Processor	Intel 14th Gen. Mobile Ultra 5/7 Processors
System Chipset	Meteor Lake SOC
Graphics Controller	Intel HD Graphics 630 (Core CPU)
LAN Chipset	1 x GbE: Intel I219-V
Audio	Realtek ALC256
System Memory	Up to 64GB DDR5 4800/5600 (2x SO-DIMM)
BIOS	Insyde 64Mbit
TPM	TPM 2.0 (fTPM)
Operating System	
Windows	Windows 11 Pro Windows 11 IoT GAC Windows 11 IoT LTSC
Storage	
M.2 NVMe	1x Up to 2TB NVMe M.2 2280 "M" Key (PCIe x4)
Expansion	
M.2	1x M.2 (M key) supports M.2 2280 (Reserved for NVMe) 1x M.2 (E key) supports M.2 2230 (Reserved for Wifi)
Other Features	
Cooling Method	Fanless with Heat Pipes
Internal Speaker	2x 1W Speakers (Bottom)
WebCam	2Mpixel IR Front Camera (Optional)

Physical

Enclosure Materials	ABS+PC plastics enclosure, antimicrobial enclosure
Dimensions (WxHxD)	22.2" x 14.6" x 1.62" (564.3 x 370.8 x 41.2 mm)
Weight	Without battery: 16.4lb (7.44kg) With 3 batteries: 19.58 lb (8.88kg)
Mounting	VESA 100, Optional Stand
I/O	3.81 lbs/1.72 kg
Video	1x HDMI
COM	2x DB9 Serial RS232
USB	3x USB 3.2 Type A (Rear) 1x USB 3.2 Type C (Rear) 2x USB 2.0 (Side)
LAN	1x GbE RJ45
WLAN	802.11 AX + BT 5.3 (Intel Wifi 6E AX210)
Audio	2D Barcode Scanner (Reads 1D and 2D)
Others	1x Power Switch 4x Function Buttons 1x SmartCard reader Half-slot, reads ISO 7816 T=0 T=1; 1.8/3/5V smart cards (optional) 1x SSO RFID (optional) 1x Reading Light w/On/OFF switch (bottom) 3x DC outputs power module, 12V @2.5A, 19V @1.58A, 24V @1.25A (Optional)
Power	
Power Input Voltage	19 VDC
Power Connector	Barrel Plug
Battery	3x Li-Ion Battery 90W
Power Adapter	External power adapter, 19V @6.31A
Environment	
IP Level	IP65 Front, IPx 1 Back
Certification	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, RCM, CCC
Relative Humidity	0% - 90% non-condensing
Operating Temperature	32°F – 104°F (0°C – 40°C)
Storage Temperature	-4°F – 140°F (-20°C – 60°C)
Warranty	1-year standard