

# Medix 24 v3

### Features

- Intel Core Ultra (Series 1) Processors
- Fanless construction with heat pipes
- TPM 2.0 (Nuvoton dTPM)
- Built-in reading light
- Optional UPS battery backup
- Optional Integrated RFID
- Built-in Webcam sliding cover for privacy



### Technical Specifications

Display	
LCD Size	23.8" (16:9)
Max. Resolution	1920 x 1080 (FHD)
Brightness (cd/m <sup>2</sup> )	250 cd/m <sup>2</sup>
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.274 x 0.274mm
Viewing Angle (H-V)	178 (H) - 178 (V)
Backlight MTBF	30,000 hours
Touch	
Touch Screen	Projected Capacitive w/ 10 points (optional)
Touch Controller	EETI
System	
Processor	Intel Core Ultra 5 135U Intel Core Ultra 7 165U
System Chipset	Meteor Lake U SOC
Graphics Controller	Intel Graphics
LAN Chipset	1x GbE: Intel I219-LM 1x 2.5GbE: Intel I226LM
Audio	Realtek ALC256
System Memory	Up to 96GB DDR5 5600 (2x SO-DIMM)
BIOS	Insyde 64Mbit
TPM	TPM 2.0 Nuvoton (dTPM)
vPro	Yes (vPro Enterprise)
Storage	
M.2 NVMe	Up to 2x 4TB NVMe M.2 2280 "M" Key (PCIe x4)
Expansion	
Cooling Method	Fanless w/ Heat Pipe
Internal Speaker	2x 3W speakers
OSD Buttons	4x Touch button (LCD on & Off/Power/Brightness on & off)
Webcam	1 x 2Mpixel camera w/ sliding cover Active noise cancellation mic (ANC)
Other Features	
Mini PCI Express	1 x MiniPCIe x1 w/SIM slot
Warranty	
	1-Year Standard

I/O	
Video	1x HDMI Out
COM	
	4x RJ45 RS232 Serial Ports Optional RJ45 to DB9 adapter cables
USB	
	2x USB 3.0 Type A (Rear) 2x USB 3.2 Type C (w/DP support) (Rear) 4x USB 2.0 Type A (Rear) 1x USB 2.0 Type A (Side)
LAN	2x GbE RJ45
WLAN	802.11 BE + BT 5.4 (Intel WiFi 7 BE200)
Audio	1x Line-Out/Line-In
Others	
	1 x Power Switch at bottom Built-in Reading Light at bottom w/ON/OFF switch 1x SSO RFID location: Front Tangent Logo (Optional) 1x Keystroke RFID location: Front Tangent Logo (Optional)
Operating System	
Windows	Windows 11 Pro Windows 11 IoT GAC Windows 10 IoT LTSC 2021 Windows 11 IoT LTSC 2024
Power	
Power Input Voltage	19 VDC
Power Connector	Barrel Plug
Battery	1x Li-Ion UPS backup Only (Optional) - 96W - 14.8V @ 6500mah
Power Adaptor	External Power Adapter, 19V @ 4.74A
Environment	
Operating Temp.	32°F - 104°F (0°C - 40°C)
Storage Temp.	-4°F - 140°F (-20°C - 60°C) Transport: 14°F - 122°F (-10°C - 50°C)
Relative Humidity	Operational: 20% ~ 80% @40°C non condensing Transport: 15% ~ 95%
IP Level	IP65 Front, IPx 1 Back
Physical	
Enclosure Materials	ABS + PC plastics, antimicrobial enclosure
Dimension (W x H x D)	22" x 15.3 x 1.9" (384.3mm x 560.4mm x 49.12 mm )
Weight	w/o UPS no Stand: 13.3 lbs w/UPS no Stand: 14.25 lbs w/o UPS with Stand: 17.6 lbs w/UPS and Stand: 18.55lbs
Mounting	VESA 75 & 100, Optional Stand

**Certification**

Certification	Product safety:
	IEC 60601-1:2005, IEC 60601-1:2005 / AMD1:2012, IEC 60601-1:2005/AMD2 2020 (CB)
	EMC: EN60601-1-2 IEC 60601-1-2:2014+A1:2020
	EN 60601-1-2:2015+A1:2021
	EN 55032/35 EN55032 2015+A11:2020
	Product safety : IEC/EN62368-1
	Radio: EN300 328:V2.2.2
	EN 301 489 - 3 V2.1.1 (2019)
	EN 301 489 - 1 V2.2.3 (2019-11)
	EN 301 489 - 17 V 3.2.4 (2020-09)
SAR: EN50566/62209	

