

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 ²)	250 cd/m ²
Contrast Ratio	1000:01:00
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
Operating System	
Windows	Windows 11 Pro, Windows 11 IoT GAC, Windows 10 IoT LTSC 2021, Windows 11 IoT LTSC 2024
Warranty	
Warranty	1-Year Standard
Expansion	
M.2	2x M.2 (M key) supports M.2 2280 1x M.2 (E key) supports M.2 2230 (Reserve for Wi-Fi)



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)
Power	
Power Input Voltage	19 VDC
Power Connector	Barrel Plug
Battery	1x Li-Ion UPS backup Only (Optional) - 96W - 14.8V @ 6500mah
Power Adapter	External Power Adapter, 19V @ 4.74A
Storage	
M.2 NVMe	Up to 2x 4TB NVMe M.2 2280 "M" Key (PCIe x4)

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)
Other Features	
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)

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