

Medix E24B

Technical Specifications

Features

- Intel 6th Gen. Core i7/i5 Processors
- Low Power Consumption Optimized
- 2 x 260-pin DDR4 SO-DIMM, up to 32GB
- Battery Powered Operation w/LED Indicators
- Hot-Swappable Batteries for Continuous Operation
- Antimicrobial Enclosure
- Fanless Construction with Heat Pipes
- TPM
- vPro



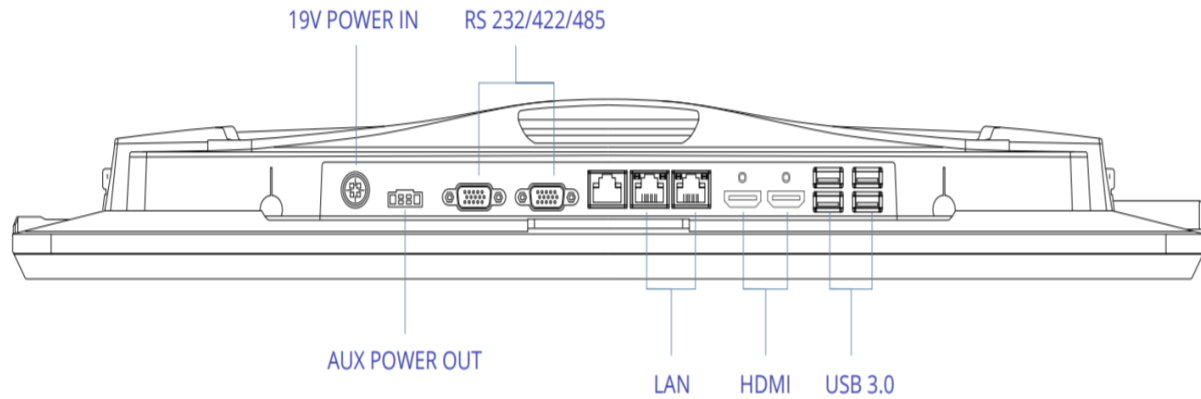
Specifications

Display	
LCD Size	23.8" (16:9)
Max Resolution	1920 x 1080 (WUXGA)
Brightness (cd/m2)	250 cd/m2
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.2745mm (H) x 0.2745mm (V)
Viewing Angles (H-V)	178° / 178°
Backlight MTBF	30,000 hours
Touch	
Touch Screen	Projected capacitive w/ 10 points
Touch Controller	EETI
System	
Processor	Intel 6 th Gen. Core i7/i5 Processors
System Chipset	Skylake SOC
Graphics Controller	Intel HD Graphics 520 (Core CPU)
LAN Chipset	1 x GbE: Intel I219-LM 1 x GbE: Intel I211
Audio	Realtek ALC262
System Memory	Up to 32GB DDR4 2133 (2 x SO-DIMM)
BIOS	AMI 128Mbit
TPM	TPM 2.0 (fTPM)
vPro	Yes
Operating System	
Windows	Windows 10 Pro 64bit (UEFI Only) Windows 10 IoT SAC/LTSC 64bit (UEFI Only)
Storage	
SSD/HDD	1 x 2.5" SATA Bay
M.2 SATA	2 x M.2 2280 "M" Key (SATA or PCIe x4 NVMe)
Expansion	
Mini PCI Express	1 x MiniPCIe Full or Half Length
M.2	2 x M.2 (M key) supports M.2 2280 (See Storage above) 1 x M.2 (A/E key) supports M.2 2230 (Wi-Fi)
Other Features	
Cooling Method	Fanless
Internal Speaker	2 x 3W speakers
OSD Buttons	6 x Buttons (LCD Off/Touch lock/Volume/Brightness/Power/Programmable)
WebCam	1 x 5Mpixel w/Auto-focus & Mic

I/O	
Video	2 x HDMI
COM	2 x DB9 Serial RS-232/422/485
USB	4 x USB 3.0 (rear) 2 x USB 2.0 (side)
LAN	2 x GbE RJ45
WLAN	802.11 AC + BT 4.2 LE
Audio	1 x line-out 1 x Line-in (Mic)
Others	1 x Auxiliary power 5/9/12/20/24VDC – 26W Sustained/40W Peak 1 x RFID (Optional)
Power	
Power Input Voltage	19 VDC
Power Connector	4pin Mini-DIN
Battery	3 x Li-ion 11.1V @7800mAh
Power Adapter	External power adapter, 19V @ 7.89A (150W)
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
Shock	Operating Shock: 5G peak acceleration (11ms duration) Non-Operating Shock: 10G peak acceleration (11ms duration)
Vibration	1G
IP Level	IP65 front
Certification	• UL60601-1 Certification
Physical	
Enclosure Materials	ABS plastics, antimicrobial enclosure
Dimension (WxHxD)	23.41" x 14.94" x 2.4" (594.6mm x 379.6mm x 61mm)
Weight	Without battery: 16.1lb (7.3kg) With 3 batteries: 19.3lb (8.75kg)
Mounting	VESA 75/100, Optional Stand
Warranty	
Warranty	• 1-Year standard

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I/O Layout



Dimensions

