

# Medix E22B

## 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	21.5" (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)	0.24825mm (H) x 0.24825mm (V)
Viewing Angles (H-V)	170° / 160°
Backlight MTBF	30,000 hours

#### Touch

Touch Screen	Projected capacitive w/ 10 points
Touch Controller	EETI

#### System

Processor	Intel 6 <sup>th</sup> 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 (CPU Dependent)

#### Operating System

Windows	Windows 10 Pro 64bit (UEFI Only) Windows 10 IoT SAC/LTSC 64bit (UEFI Only)
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#### 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

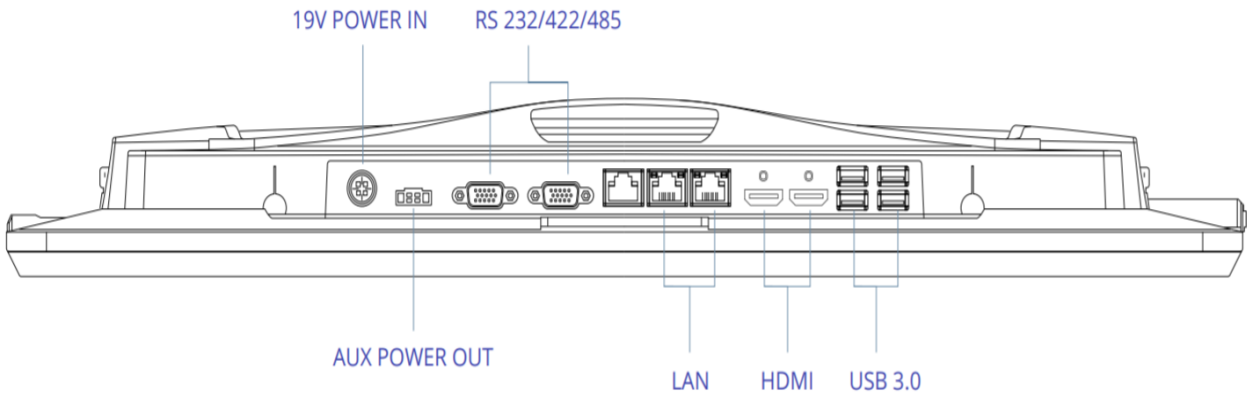
Enclosure Materials	ABS plastics, antimicrobial enclosure
Dimension (WxHxD)	21.38" x 13.78" x 2.4" (543mm x 350mm x 61mm)
Weight	Without battery: 13.67lb (6.2kg) With 3 batteries: 16.87lb (7.65kg)
Mounting	VESA 75/100, Optional Stand

#### Warranty

Warranty	• 1-Year standard
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### I/O Layout



### Dimensions

