

Medix 24

Technical Specifications

Features

- Intel 7th Gen. Core i7/i5 processors
- Optional RFID
- Fanless Construction with Heat Pipes
- Optional UPS Battery Backup
- Optional CD/DVDRW
- Built-in Reading Light



Specifications

Display

LCD Size	23.8" (16:9)
Max Resolution	1920 x 1080 (FHD)
Brightness (cd/m ²)	250 cd/m ²
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.274 x 0.274mm
Viewing Angle (H-V)	178 (H) - 178 (V)

Touch

Touch Screen	Projected capacitive w/ 10 points (optional)
Touch Controller	EETI

System

Processor	Intel 7 th Gen. Core i7/i5 Processors
System Chipset	Kaby Lake U SOC
Graphics Controller	Intel HD Graphics 620 (Core CPU)
LAN Chipset	1 x GbE: Intel I219-V 1 x GbE: Intel I210
Audio	Realtek ALC233
System Memory	Up to 32GB DDR4 2133 (2 x SO-DIMM)
BIOS	Insyde 64Mbit
TPM	TPM 2.0 (dTPM)
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

M.2 SATA	1 x M.2 2280 "M" Key (SATA)
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Expansion

M.2	1 x M.2 (M key) supports M.2 2280 1 x M.2 (E key) supports M.2 2230 (Reserve for Wi-Fi)
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Other Features

Cooling Method	Fanless w/ heat pipe
Internal Speaker	2 x 3W speakers
OSD Buttons	4 x Soft touch buttons (LCD Off/Power/Disable/Touch/Brightness)
WebCam	1 x 2Mpixel camera w/ sliding cover Active noise cancellation mic (ANC)
Embedded RFID	Internal Dual Frequency RFID – SSO
CD Read/Write	Slim Internal DVDRW 24x8x6x (Optional)

I/O

Video	1 x HDMI out
COM	4 x RJ45 RS232 Serial Ports
USB	4 x USB 3.0 (rear) 4 x USB 2.0 (rear) 1 x USB 2.0 (side)
LAN	2 x GbE RJ45
WLAN	802.11 AC + BT 4.2 LE
Audio	1 x line-out
WiFi	Intel WiFi 6 802.11ax +BT5.0 M.2/2x2/MUM/win10_64b (Optional)
Others	1 x power switch 1 x screen on/off (part of soft touch) Built-in reading light at bottom

Power

Power Input Voltage	19 VDC
Power Connector	Barrel plug
Battery	1 x Li-ion UPS backup only (optional) – 72W – 14.8 @ 5000mah
Power Adapter	External power adapter, 19V @4.74A

Physical

Enclosure Materials	ABS + PC plastics, antimicrobial enclosure
Dimension (W x H x D)	22" x 15.13" x 1.9" (560.4mm x 384.3mm x 49.12mm)
Weight	13.30 lbs
Mounting	VESA 75 & 100, optional stand

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
IP Level	IP65 front, IP x 1 back

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| Certification | <ul style="list-style-type: none"> • IEC60601-1-2:2005 + A1:2015 (Ed 3.1) • IEC60601-1-2:2014 (Ed 4.0) • IEC60601-1-6:2010 + A1:2013 (Ed 3.1) • ANSI/AAMI ES60601-1:2005/A1:2012 and C1:2009/©2012 and A2:2010/©2012 • ANSI/AAMI 60601-1-2 • CAN/CSA-C22.2 No.60601-1-2 • CAN/CSA-C22.2 No.60601-1:14 • Energy Star 8.0 |
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Warranty

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| Warranty | <ul style="list-style-type: none"> • 1-year standard |
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Additional Images

