

Medix 24B

Technical Specifications

Features

- Intel 10th Gen. Core i7/i5 processors
- 2 x 260-pin DDR4 SO-DIMM, up to 64GB
- High Performance NVMe storage
- Antimicrobial Enclosure
- Fanless Construction w/Heat Pipes
- TPM 2.0 (fTPM)
- Battery Powered Operation w/ Battery LED Indicators
- Hot-Swappable Batteries for Continuous Operation
- Optional vPro



Specifications

Display

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|----------------|-------------------|
| LCD Size | 23.8" (16:9) |
| Max Resolution | 1920 x 1080 (FHD) |

Touch

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| Touch Screen | Projected capacitive w/ 10 points (optional) |
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System

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|---------------------|---|
| Processor | Intel 10 th Ge, Core i7/i5 Processors – 35W (Comet Lake) |
| System Chipset | Intel H470 (Comet Lake) |
| Graphics Controller | Intel HD Graphics 360 (Core CPU) |
| LAN Chipset | 1 x GbE: Intel I219-V |
| Audio | Realtek ALC256 |
| System Memory | Up to 64GB DDR4 2133/2400 (2 x SO-DIMM) |
| BIOS | Insyde 64Mbit |
| TPM | TPM 2.0 (fTPM) |
| vPro | Yes (Optional) |

Operating System

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| Windows | Windows 10 Pro 64bit (UEFI only) Windows 10 IoT SAC/LTSC 64bit (UEFI only) Windows 11 Pro Windows 11 IoT SAC |
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Storage

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| NVMe | 1x Up to 2TB NVMe M.2 2280 "M" Key (PCIe x4) |
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Expansion

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| M.2 | 1 x M.2 (M key) supports M.2 2280 (Reserved for NVMe) 1 x M.2 (E key) supports M.2 2230 (Reserved for WiFi) |
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Other Features

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| Cooling Method | Fanless w/ heat pipes |
| Internal Speaker | 2 x 1W speakers |
| WebCam | 1 x 5Mpixel Camera w/ Dual Mic (Optional) |

I/O

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| Video | 1 x HDMI out |
| COM | 2 x D89 Serial RS232 |
| USB | 4 x USB 3.0 (rear) 2 x USB 2.0 (side) |
| LAN | 1 x GbE RJ45 |
| WLAN | 802.11 AX_ BT 5.1 LE (Intel WiFi 6 AX200) |
| Audio | 1 x line-out |
| Others | 1 x power switch 4 x Function Buttons 1 x SmartCard reader Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart cards (Optional) 1 x SSO RFID (Optional) 1 x Reading Light w/On/OFF switch (Bottom) 3 x DC outputs power module, 12V@3.75A, 15V@3A, 19V@2.3A (Optional) |

Power

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|---------------------|-------------------------------------|
| Power Input Voltage | 19 VDC |
| Power Connector | Barrel plug |
| Battery | 3 x Li-ion 11.1 V @ 7800mAh |
| Power Adapter | External power adapter, 19V @ 6.31A |

Physical

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|-----------------------|---|
| Enclosure Materials | ABS + PC plastics, antimicrobial enclosure |
| Dimension (W x H x D) | 22.2" x 14.6" x 1.62" (564.3mm x 370.8mm x 41.2mm) |
| Weight | Without battery: 14.1lbs (6.4kg) With 3 batteries: 17.4lbs (7.9kg) |
| Mounting | VESA 100, optional stand |

Environment

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|-----------------------|-------------------------------|
| 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 2 back |

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|---------------|---|
| Certification | <ul style="list-style-type: none"> • ANSI/AAMI ES60601-1 • IEC60601-1, IEC60601-1-2 • FCC Part 18, FCC Part 15 Class B • CE-EMC |
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Warranty

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| Warranty | • 1-year standard |
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