



139M

Medical Micro PC

Compact, durable, fanless for healthcare applications

The DT Research 139M Medical Micro PC offers the integration of a high performance yet energy-efficient Intel® Pentium® Gold or Core™ i computing platform in a fanless, robust and compact design. The anti-microbial enclosure is complemented by display outputs, USB, RS232, networking and audio ports, making this Medical Micro PC ideal for space-saving and clean-sensitive healthcare applications.



Features

- Intel® Pentium® Gold or Core™ i processor
- Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu operating system
- Fanless, compact and robust design
- Dual SSD slots, supports RAID 0/RAID 1
- Dual RAM slots, up to 64GB
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- NIST compliant BIOS available
- Multiple video outputs – HDMI x 2 and Display Port x 1
- VESA compatibility for easy installation and deployment

Major Option

- Internal 802.11 Wireless Adapter with Dual Antennas

Specifications

System

CPU	Intel® Pentium® Gold-G6400T, 2-core, 3.4 GHz Intel® Core™ i5-10500T, 6-core, 2.3 GHz (up to 3.8 GHz) Intel® Core™ i5-10600T, 6-core, 2.4 GHz (up to 4.0 GHz) Intel® Core™ i7-10700T, 8-core, 2.0 GHz (up to 4.5 GHz) Intel® Core™ i9-10900T, 10-core, 1.9 GHz (up to 4.6 GHz)
RAM	8GB to 64GB (Dual-Slot)
Storage	512GB to 4TB Flash (Dual-Slot, Supports RAID 0/RAID 1)
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu
Network Interface	10/100/1000 MB BaseT LAN; Wi-Fi 802.11ax, 2.4/5 GHz Dual Band

I/O Ports

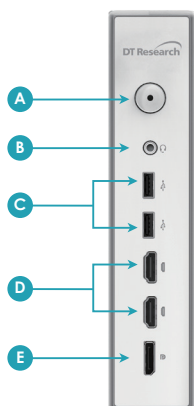
HDMI	2
DisplayPort	1
Audio Jack	1
USB 3.0 Port	4
COM Port	4
Ethernet	2 (RJ45)
DC-in	1
WLAN	2 x Optional Wi-Fi Dipole Antenna
Kensington Lock	1

Mechanical and Environmental

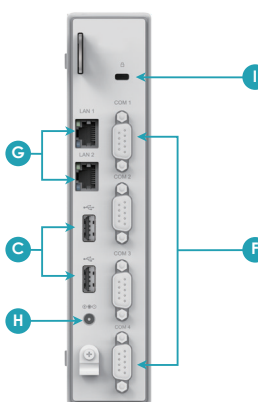
Fan/Fanless	Fanless
AC/DC Adapter	Input 100 to 240V AC; Output 15V to 20V DC
Enclosure	Aluminum Alloy with Antimicrobial Enclosure
Dimensions (H x W x D)	8 x 1.7 x 9.1 in/202 x 43.5 x 232 mm (Without the Antennas)
Weight	4.6 lb/2.1 kg (Without the Tabletop Stand)
VESA-Compliant Mounting	75 x 75 mm/100 x 100mm
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, CE-EMC, CE-RED, IEC 62368-1, RCM, CCC
Temperature	Operation: -10°C to 50°C (14°F to 122°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	0% to 90% Non-Condensing

*Specifications subject to change without notice.

I/O Ports



- A Power Button
- B Audio Jack
- C USB 3.0 Port
- D HDMI
- E Display Port
- F COM Port (RS232)
- G Ethernet
- H DC-In
- I Kensington Lock



- 722M and 724M Battery Powered Medical Grade Monitors



- 704M and 707M Medical Grade Monitors



- VESA Mounting Bracket



- Desktop Stand



- Battery Gang Charger



- 3-Slot Battery Holster
Supplies powers to the system and peripherals (e.g., Zebra mobile printer and Welch Allyn vital sign monitor).



- Battery



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Product Configurator



www.dtresearch.com/productconfig

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