



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® 10th Generation Pentium® Gold or Core™ i processor
- Microsoft® Windows® 10 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 DisplayPort x 1
- Internal 802.11 wireless adapter with dual antennas
- VESA-mountable for flexibility in mounting and deployment

Major Option

- Internal 802.11 wireless adapter with dual antennas

Specifications

System

CPU	Intel® Pentium® Gold-G6400T, 2-core, 3.4GHz Intel® Core™ i5-10500T, 6-core, 2.3GHz (up to 3.8GHz) Intel® Core™ i5-10600T, 6-core, 2.4GHz (up to 4.0GHz) Intel® Core™ i7-10700T, 8-core, 2.0GHz (up to 4.5GHz) Intel® Core™ i9-10900T, 10-core, 1.9GHz (up to 4.6GHz)
RAM	8GB to 64GB (dual-slot)
Storage	256GB to 4TB Flash (dual-slot, supports RAID 0/RAID 1)
Operating System	Microsoft® Windows® 10 IoT Enterprise or Ubuntu
Network Interface	10/100/1000MB BaseT LAN; Wi-Fi 802.11ax, 2.4GHz/ 5GHz dual band

I/O Ports

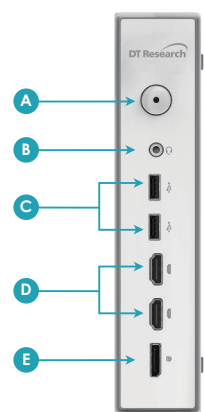
HDMI	2
DisplayPort	1
Audio Jack	1
USB 3.0 Port	4
COM Port	4
Ethernet	RJ45 connector for Ethernet x 2
DC-in	1
WLAN	Optional Wi-Fi dipole antenna x 2
Kensington Lock	1

Mechanical and Environmental

Fan/Fanless	Fanless
AC/DC Adapter	Input 100-240V AC; Output 15V to 20V DC
Enclosure	Aluminum alloy, 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	75mm x 75mm and 100mm 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% – 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** DisplayPort
- F** COM Port (RS232)
- G** Ethernet
- H** DC-in
- I** Kensington Lock

Accessories

- 722M and 724M Battery Powered Medical Grade Monitors



- 704M and 707M Medical Grade Monitors



- VESA Mounting Bracket



- Desktop Stand



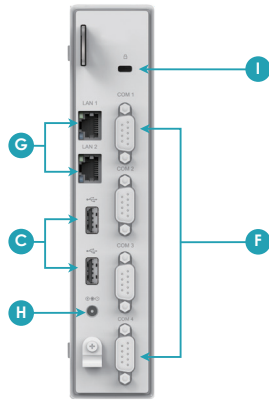
- Battery Gang Charger



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



- Battery



Product Configurator

www.dtresearch.com/productconfig