



# 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® 10<sup>th</sup> 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

<b>CPU</b>	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)
<b>RAM</b>	8GB to 64GB (dual-slot)
<b>Storage</b>	256GB to 4TB Flash (dual-slot, supports RAID 0/RAID 1)
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise or Ubuntu
<b>Network Interface</b>	10/100/1000MB BaseT LAN; Wi-Fi 802.11ax, 2.4GHz/ 5GHz dual band

## I/O Ports

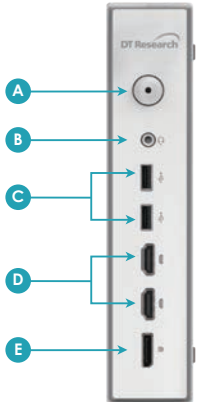
<b>HDMI</b>	2
<b>DisplayPort</b>	1
<b>Audio Jack</b>	1
<b>USB 3.0 Port</b>	4
<b>COM Port</b>	4
<b>Ethernet</b>	RJ45 connector for Ethernet x 2
<b>DC-in</b>	1
<b>WLAN</b>	Optional Wi-Fi dipole antenna x 2
<b>Kensington Lock</b>	1

## Mechanical and Environmental

<b>Fan/Fanless</b>	Fanless
<b>AC/DC Adapter</b>	Input 100-240V AC; Output 15V to 20V DC
<b>Enclosure</b>	Aluminum alloy, antimicrobial enclosure
<b>Dimensions (H x W x D)</b>	8 x 1.7 x 9.1 in/ 202 x 43.5 x 232 mm (without the antennas)
<b>Weight</b>	4.6 lb/ 2.1 kg (without the tabletop stand)
<b>VESA-compliant Mounting</b>	75mm x 75mm and 100mm x 100mm
<b>Regulatory</b>	ANSI/AAMI ES60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, CE-EMC, CE-RED, IEC 62368-1, RCM, CCC
<b>Temperature</b>	Operation: -10°C to 50°C (14°F to 122°F); Storage: -20°C to 60°C (-4°F to 140°F)
<b>Humidity</b>	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

