

Medical PCs

Antimicrobial, ANSI/AAMI ES60601-1 Certified for Healthcare Computing Applications



Model	504T/507T	582T/584T	592K/594K	139M
-------	-----------	-----------	-----------	------

System

CPU	Intel® Pentium® Gold-G6400T, 2-core, 3.4GHz Intel® Core™ i5-10500T, 6-core, 2.3GHz Intel® Core™ i7-10700T, 8-core, 2.0GHz Intel® Core™ i9-10900T, 10-core, 1.9GHz		Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz)	Intel® Pentium® Gold-G6400T, 2-core, 3.4GHz Intel® Core™ i5-10500T, 6-core, 2.3GHz Intel® Core™ i7-10700T, 8-core, 2.0GHz Intel® Core™ i9-10900T, 10-core, 1.9GHz
RAM	8GB to 64GB		8GB to 16GB	8GB to 64GB
Storage	256GB to 4TB Flash		256GB to 512GB Flash	256GB to 4TB Flash (dual-slot, supports RAID 0/RAID 1)
Operating System	Microsoft® Windows® 10 IoT Enterprise or Ubuntu			
Display	504T: 23.8" capacitive touch screen 507T: 27" capacitive touch screen	DT582T: 21.5" capacitive touch screen DT584T: 23.8" capacitive touch screen	592SK: 21.5" capacitive touch screen 594SK: 23.6" capacitive touch screen	N/A
Display Resolution	504T: 1920 x 1080 507T: 1920 x 1080, or 3840 x 2160 (optional)	1920 x 1200	1920 x 1080	N/A
Camera	Full-HD front camera (optional)		N/A	N/A
Control Switch and Buttons	1 power and 4 programmable buttons	1 power and 4 programmable buttons, 1 reading light on/off button	1 power and 4 programmable buttons	1 power button
Microphone	Built-in microphone			N/A
Speaker	Built-in speaker			N/A

Network Interface

WLAN	Ethernet 10/ 100/ 1000 MB Base-T LAN; Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
-------------	------------------------------------------------------------------------------

I/O Ports

USB Port	USB 2.0: 2 (ESD protection: ±18KV by air, ±12KV by contact) USB 3.0: 4 (ESD protection: ±17KV by air, ±12KV by contact)	USB 2.0 x 2 USB 3.0 x 4	USB 3.0 x 4
Audio Out	1 (3.5mm)		
Ethernet	RJ45 connector for Ethernet x 2 (ESD protection: ±30KV by air, ±30KV by contact)	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 2
HDMI-out	1 (ESD protection: ±17KV by air, ±12KV by contact)	1	2
DC-in	1		
Com Port	1	2	4
Potential Equalization Conductor	1 (optional)	N/A	N/A
DC-out (optional)	N/A	1 2V x 1, 15V x 1, 19V x 1	N/A
Dipole Wi-Fi antenna		N/A	2
Kensington Lock		N/A	1

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 6.31A		Input: 100 – 240V AC; Output: 15V to 20V DC
Fan/Fanless	Fanless		
Battery Pack	N/A	Li-ion battery; 90Wh, 8250mAh x 3 (optional)	N/A
VESA-compliant mounting	100mm x 100mm VESA standard		75mm x 75mm and 100mm x 100mm
Enclosure	Aluminum alloy, antimicrobial enclosure	ABS + PC plastics and magnesium-aluminum alloy; antimicrobial enclosure	Aluminum alloy, antimicrobial enclosure
Dimensions (H x W x D)	504T: 14.6 x 22.3 x 1.8 in/ 370.5 x 567 x 45.2 mm 507T: 16.2 x 25.2 x 1.8 in/ 411.8 x 639.1 x 45 mm	582T: 13.6 x 20.4 x 1.6 in/ 345.9 x 516.9 x 40.4mm 584T: 14.6 x 22.2 x 1.62 in/ 370.9 x 564.3 x 41.2 mm	DT592SK: 12.5 x 20.8 x 2.3 in / 318 x 529 x 58 mm DT594SK: 14.2 x 22.9 x 2.3 in / 361 x 582 x 58 mm
Weight	504T: 17.6 lbs/ 8 kg 507T: 23.15 lbs/ 10.5 kg	582T: 12.6lbs/ 5.7kg 14.1lbs/ 6.4kg (with batteries) 584T: 15.9lbs/ 7.2kg 1 7.4lbs/ 7.9kg (with batteries)	DT592SK: 11lbs/ 5kg 14.3lbs/ 6.5kg (with batteries) DT594SK: 14.3lbs/ 6.5kg 18.7lbs/ 8.5kg (with batteries)

* Specifications subject to change without notice.

Mechanical and Environmental (Cont.)

Water Resistance	Front panel: IP65, Enclosure: IPX2			N/A
Regulatory	504T: ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, Energy Star 8.0, RCM, CCC	582T: ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, Energy Star 8.0, RCM, CCC	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1	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: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)			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			

Major Options

Camera	Full-HD front camera (optional)		N/A	
NFC/RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1. Or, dual frequency, reads both 125KHz and 13.56MHz credentials.	Dual frequency, reads both 125KHz and 13.56MHz credentials	Dual frequency, reads both 125KHz and 13.56MHz credentials	N/A
4k Screen	507T only		N/A	
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card			
DC output	N/A	12V x 1, 15V x 1, 19V x 1	N/A	
Dual antennas	N/A			Internal 802.11 wireless adapter with dual antennas