



## 582TM/584TM Medical-Cart Computer

### All-in-One Computer with Integrated Swappable Batteries for Point-of-Care Applications

Powered by a powerful Intel® Core™ Ultra processor, the 582TM/584TM All-in-One Medical-Cart Computer features a 22"/24" easy-to-read display to provide at-a-glance examination to ensure efficient operation. With the optional hot-swappable batteries, patient data can be managed fluidly without operations being interrupted due to the act of replacing batteries, while the VESA standard mounting design makes installation an effortless task. The built-in Wi-Fi and other optional data-capture modules further improve the point-of-care process. With these extensive features, the 582TM/584TM is ideal for hospitals and clinics in any point-of-care scenarios.



### Features

- Integrated hot-swappable batteries (optional, up to 3 batteries)
- 22" or 24" high-resolution touchscreen
- Intel® Core™ Ultra processor
- Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu OS
- Fanless, space-saving all-in-one design with antimicrobial enclosure
- VESA compatibility to maximize installation flexibility
- Built-in LED reading light
- HDMI video-out, support up to 4K UHD resolution
- ANSI/AAMI ES60601-1 certified
- IP65-rated front panel, IPX2-rated enclosure

### Major Options

- Power supply outputs
- 5M Front Camera or IR Camera
- NFC/RFID reader
- Smart card/CAC reader
- DC-Out (12V x 1 / 15V x 1 / 19V x 1 or 12V x 1 / 19V x 1 / 24V x 1)

# Specifications



Model	582TM	584TM
<b>System</b>		
<b>CPU</b>	Intel® Core™ Ultra 5 processor 135U, 1.6 GHz(up to 4.4 GHz) Intel® Core™ Ultra 7 processor 165U, 1.7 GHz (up to 4.9 GHz)	Intel® Core™ Ultra 5 processor 135U, 1.6 GHz (up to 4.4 GHz) Intel® Core™ Ultra 7 processor 165U, 1.7 GHz (up to 4.9 GHz)
<b>RAM</b>	8GB to 64GB	8GB to 64GB
<b>Storage</b>	256GB to 4TB Flash	256GB to 4TB Flash
<b>Operating System</b>	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu
<b>Display</b>	21.5" Touchscreen	23.8" Touchscreen
<b>Display Resolution</b>	1920 x 1080	1920 x 1080
<b>Trusted Platform Module</b>	TPM 2.0	TPM 2.0
<b>Microphone</b>	Built-In Microphone	Built-In Microphones
<b>Speaker</b>	Build-In Speaker	Build-In Speaker
<b>Reading Light</b>	1 x LED Reading Light	1 x LED Reading Light

## Network Interface

<b>WLAN</b>	Ethernet 10/100/1000 MB Base-T LAN; Wi-Fi 802.11ax, 2.4/5 GHz Dual Band	
<b>BT</b>	BT 5.2	BT 5.2

## I/O Interface

<b>USB Ports</b>	3 x USB 3.2 Gen 2 (Type-A), 2 x USB 2.0 (Type-A), 1 x USB 3.2 Gen 2 (Type-C)	3 x USB 3.2 Gen 2 (Type-A), 2 x USB 2.0 (Type-A), 1 x USB 3.2 Gen 2 (Type-C)
<b>COM Port</b>	2	2
<b>HDMI Port</b>	1 (1.4a)	1 (1.4a)
<b>Headphone Jack</b>	1 (3.5 mm)	1 (3.5 mm)
<b>Ethernet Port</b>	1 (RJ45)	1 (RJ45)
<b>DC-In Jack</b>	1	1
<b>DC-Out (Optional)</b>	12V x 1 / 15V x 1/ 19V x 1 or 15V x 1 / 19V x 1/ 24V x 1	12V x 1 / 15V x 1/ 19V x 1 or 15V x 1 / 19V x 1/ 24V x 1
<b>Switches &amp; Buttons</b>	1 x Power Button, 4 x Functional Buttons, 1 x Reading Light On/Off Button	

## Mechanical and Environmental

<b>Fan/Fanless</b>	Fanless	Fanless
<b>AC/DC Adapter</b>	Input: 100 – 240V AC; Output: 19V DC, 6.31A	Input: 100 – 240V AC; Output: 19V DC, 6.31A
<b>Battery Pack</b>	(Optional) 3 x Li-Ion Battery (8250mAh, 90Wh)	(Optional) 3 x Li-Ion Battery (8250mAh, 90Wh)
<b>Enclosure</b>		
<b>Dimensions (H x W x D)</b>	13.6 x 20.4 x 1.6 in/345.9 x 516.9 x 40.4 mm	14.6 x 22.2 x 1.62 in/370.9 x 564.3 x 41.2 mm
<b>Weight</b>	14.64( w/o battery), 17.81 (w/ batteries) lbs.	16.4 (w/o battery), 19.58 (w/batteries) lbs.
<b>VESA Mount</b>	100 x 100 mm	100 x 100 mm
<b>Water Resistance</b>	Front Panel: IP65; Enclosure: IPX2	Front Panel: IP65; Enclosure: IPX2
<b>Regulatory and Safety Certifications</b>	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, RCM, CCC	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, RCM, CCC
<b>Temperature</b>	Operation: 0°C ~ 40°C (32°F ~ 104°F); Storage: -20°C ~ 60°C (-4°F ~ 140°F)	
<b>Humidity</b>	0% ~ 90% Non-Condensing	

## Major Options

<b>Camera</b>	5M Front Camera or IR Camera
<b>NFC/RFID reader</b>	Dual Frequency (Reads 125 KHz & 13.56 MHz Credentials)
<b>Smart Card/CAC Reader</b>	Half-Slot (Reads ISO 7816 T=0, T=1 & 1.8/3/5V Smart Card)
<b>DC-Out</b>	12V x 1 / 15V x 1/ 19V x 1 or 12V x 1 / 19V x 1/ 24V x 1

\*Specifications subject to change without notice.

## Accessories

- Desktop Stand
- Medical Grade Adapter
- Battery Gang Charger
- 3-Slot Battery Holder
- Battery



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



Product Configurator

