

When you upgrade to the HC50, you give your clinical and non-clinical healthcare workers everything they need to increase efficiency and the quality of patient care.



Improve productivity, task accuracy and the quality of patient care with many new features:

- Ergonomics for all-day comfort
- More power
- More rugged
- Waterproof
- Advanced audio
- High performance scanning
- A larger display
- Fastest Wi-Fi available
- True hot swap and fast charging batteries
- Find devices — even if the battery is depleted!

The HC50 —  
the device designed for  
every healthcare worker.

# What do you get when you upgrade from the TC52X-HC Series to the HC50? More features to boost productivity and care quality.

FEATURE	TC52X-HC SERIES	HC50	HC50 BENEFIT
<b>SLEEKER, MORE RUGGED FORM FACTOR</b>			
<b>Sleek design</b>	0.73 in./18.6 mm D TC52x-HC: 9.3 oz./263 g TC52ax-HC: 9.1 oz./259 g	0.49 in./12.5 mm D 8.4 oz./239 g	The HC50 is 33% thinner than the TC52X-HC Series.
<b>Housing and ergonomics</b>	TC52x-HC: Healthcare white TC52ax-HC: Healthcare blue	Healthcare blue and white; Enhanced ergonomics with contoured surfaces and sculpted bumpers	New modern design reduces pressure points and provides any size hand with a secure grip and all day comfort.
<b>Display</b>	5 in. FHD (1920 x 1080)	6 in. FHD+ (2160 x 1080)	20% more display space to view more information with less scrolling.
<b>Environmental</b>	IP65 sealing; 500 tumbles @ 1.6 ft./0.5 m	IP65 and IP68 sealing; 500 tumbles @ 1.6 ft./0.5 m	Now completely waterproof with dual IP65/IP68 sealing; improved tumble spec for enhanced ruggedness.
<b>NEWER, FASTER PLATFORM</b>			
<b>Platform</b>	Qualcomm® Snapdragon 660 octa-core 2.45 GHz; Support through Android 14	Qualcomm® 5430 hex-core 2.1 GHz; Support through Android 16	Newer generation Qualcomm platform can power the most demanding healthcare applications.
<b>Memory and storage</b>	4 GB RAM/32 GB UFS Flash (64 GB UFS Flash for TC52ax-HC) MicroSD up to 256 GB	8 GB RAM/128 GB UFS Flash MicroSD up to 2 TB	Twice the RAM, two or four times the Flash and eight times more expandable storage for better application performance.
<b>LATEST WIRELESS TECHNOLOGIES</b>			
<b>Wi-Fi</b>	TC52x-HC: Wi-Fi 5 TC52ax-HC: Wi-Fi 6	Wi-Fi 6E	Wi-Fi 6E offers 4x the bandwidth, 4x higher capacity and 75 percent lower latency than Wi-Fi 5; workers get the fastest, more reliable connections.
<b>Bluetooth</b>	TC52x-HC: V5.0 TC52ax-HC: V5.1	V5.2 with BLE beaconing	Supports the new LE audio, which minimizes the power consumption of Bluetooth audio and offers enhanced audio capabilities.
<b>MORE VERSATILITY</b>			
<b>Integrated barcode scanner</b>	SE4720	SE4720	Same proven, high-performance scan engine with healthcare-friendly green aimer and white illumination.
<b>Cameras</b>	13 MP rear/5 MP front	16 MP rear/8 MP front	Higher resolution rear and front facing cameras for greater image detail.
<b>Workstation Connect</b>	Yes	Yes	Insert the HC50 into a Connect Cradle to create a fully-featured mobile-driven workstation — ideal at nurses stations, on portable ‘computers on wheels’ and more.
<b>Bluetooth BLE battery</b>	Optional	Standard	Enables tracking of devices that are powered down or out of battery (Device Tracker license required).
<b>Hot swap support</b>	Hot swap	True hot swap	With true hot swap, users can change batteries without impacting device functionality — no missed calls, no missed notifications, no lost data — crucial in the mission critical world of healthcare.

1. Requires Device Tracker license



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