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.

ZEBRA
CAPTURE YOUR EDGE

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[1]

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
SLEEKER, MORE RUGGED FORM FACTOR			
Sleek design	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.
Housing and ergonomics	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.
Display	5 in. FHD (1920 x 1080)	6 in. FHD+ (2160 x 1080)	20% more display space to view more information with less scrolling.
Environmental	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.
NEWER, FASTER PLATFORM			
Platform	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.
Memory and storage	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.
LATEST WIRELESS TECHNOLOGIES			
Wi-Fi	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.
Bluetooth	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.
MORE VERSATILITY			
Integrated barcode scanner	SE4720	SE4720	Same proven, high-performance scan engine with healthcare-friendly green aimer and white illumination.
Cameras	13 MP rear/5 MP front	16 MP rear/8 MP front	Higher resolution rear and front facing cameras for greater image detail.
Workstation Connect	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.
Bluetooth BLE battery	Optional	Standard	Enables tracking of devices that are powered down or out of battery (Device Tracker license required).
Hot swap support	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