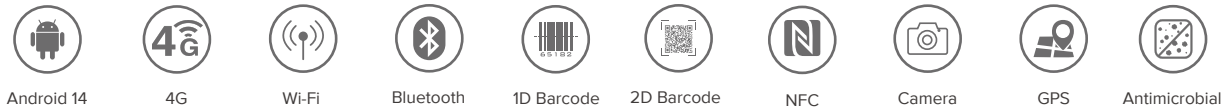




TC60-HC

Mobile Computer



TC60-HC is our newly launched medical version high-performance mobile computer, with antimicrobial design. The top-of-the-class configuration comprises advanced Android 14 (Google GMS), high-performance octa-core 2.3Ghz processor MTK8781, and optional ultra-large memory. It integrates barcode scanning, NFC, dual camera, and multiple wireless data connections, as well as 6-inch HD screen, high-capacity removable battery and IP67 sealing. It can bring a new level of cost efficiency to a broad range of industries including public events, healthcare, clinical lab and food industry.



Specification

Physical Characteristics	
Dimensions	163.0 x 77 x 13.9mm
Weight	260g-265g / 9.88oz-10.16oz. (device with battery)
Keypad	Power key, 2 scan keys, volume (+/-) keys, 1 multifunctional key
Battery	5000mAh removable main battery, support QC3.0 and RTC
Display	5.9-inch high definition display (18:9), 1440 x 720
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Sensor	G_sensor, proximity sensor, light sensor, geomagnetic sensor, gyroscope
Notification	Sound, LED indicator, vibrator
Audio	2 microphones, 1 for noise cancellation; 1 speaker; 1 receiver
Card slot	1 for SIM card, 1 for SIM or TF card
Interfaces	USB Type-C, USB 3.1, OTG
Performance	
CPU	Octa-core, 2.3GHz MTK8781
RAM+ROM	4GB + 64GB
Expansion	Supports up to 256GB TF card
Developing Environment	
Operating System	Android 14; Google GMS
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio
User Environment	
Operating Temp.	-4°F to 122°F / -20°C to +50°C
Storage Temp.	-40°F to 158°F / -40°C to +70°C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.5m / 4.92ft. drops (at least 20 times) to the concrete across the operating temperature range MIL-STD-810H (SGS Test): Multiple 1.5m drops (at least 20 times) to theplate across the operatingtemperature range
Tumble Specification	1000 x 0.5m / 1.64ft. falls at room temperature
Sealing	IP67 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge

Communication	
Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Bluetooth 5.2
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna
WLAN	Support 802.11 a/b/g/n/ac/ax-ready, 2.4G/5G dual-band, IPV4, IPV6, 5G PA; 2x2 MU-MIMO
	Fast roaming: PMKID caching, 802.11r, OKC
	Operating Channels: 2.4G (channel 1~13), 5G (channel 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165), Depends on local regulations
	Security and Encryption: WEP, WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS,PEAP-GTC, WPA3-Enterprise, WPA3-Enhanced Open, WPA3 Easy Connect, WPA3-Personal, etc.
WWAN	2G: 850/900/1800/1900 MHz
	3G: 850/900/1900/2100MHz
	4G: TDD-LTE B34/38/39/40/41
	LTE FDD B1/2/3/4/5/7/8/20/28a&b)

Data Collection	
Camera	
Rear Camera	13MP Autofocus with flash
Front Camera	8MP
NFC	
Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	0-4 cm
Barcode Scanning	
2D Scanner	2D Barcode Scan Engine
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX),etc.
Optional Accessories	
USB Cable, Adapter, Charging Cradle, Rugged Rubber Boot, etc.	
*See details in accessory guide	

Notice: Product specifications are subject to change without prior notice. / Model: TC60-HC / Update Date: 2025-03-06