



ME61HC

Mobile Computer for Healthcare

Redefining Mobility in Healthcare: Uncompromised Hygiene Meets Enterprise Power



Engineered for Medical Performance

The Qualcomm SM6225 Pro octa-core processor powers the ME61HC, providing healthcare professionals with high-speed computing, effortless multitasking, and consistent performance even with resource-intensive medical applications.

Healthcare-Optimized Touchscreen

The ME61HC features a 6.0-inch Luxibright touchscreen, adaptable to both bright hospital environments and dim patient rooms. The screen responds effectively even with gloves or wet hands, ensuring accurate interaction whenever needed.

Enterprise-Grade Android Security (AER & GMS)

Pre-loaded with Android 13 and holding Android Enterprise Recommended (AER) certification, the ME61HC delivers unmatched security standards. Integrated GMS features and regular security updates protect sensitive healthcare data.

Antibacterial Housing for Safety

Built with a specialized antibacterial casing infused with silver, copper, and zinc, the ME61HC ensures a hygienic, disinfectable surface. Designed for healthcare settings, it withstands rigorous cleaning with alcohol-based solutions, safeguarding both patients and staff.



Main Features



Operating System

Android 13 (GMS & AER),
Upgradeable to Android 16



Processor

Qualcomm SM6225 Pro, Octa-core 2.8GHz;
Reliable performance for multitasking and
resource-intensive applications.



Display

6.0 in FHD+ (1080 x 2160) IPS; multi-mode
capacitive with wet/glove touch; Corning
Gorilla Glass III; Brightness: 450 NIT.



Memory

Standard:
RAM 4GB / ROM 64GB;
Optional:
RAM 6GB / ROM 128GB;
RAM 8GB / ROM 128GB



Extend Memory

Supports Micro SD cards up to 512GB
(Class 2 to Class 10, UHS-I).



Barcode Scanner

Zebra SE4770, MEFERI SE5070, Honeywell
HS7/N6803FR; Lightning-fast 1D/2D
barcode scanning with advanced image
capture and optimized processing for
printed, electronic codes, damaged, dirty,
and poorly readable codes. Scan
Confirmation: sound, LED, vibration.



NFC

13.56MHz; ISO 14443 Type A and B, FeliCa,
ISO 15693; Supports Card Emulation via Host,
Reader, and P2P modes.



Camera

Front Camera: 8MP;
Rear Camera: 16MP;
supports 1080p video recording,
Torch mode, and Flash mode.



Wireless WAN (WWAN)

4G LTE, WCDMA, CDMA, GSM



Wireless LAN (WLAN)

Wi-Fi 5 (2.4GHz, 5GHz) with MIMO 1x1, IEEE 802.11a/b/g/n/ac Wave 1 & 2 (up to 80MHz support). Seamless
Roaming ensures uninterrupted transitions between access points (leveraging 802.11r fast roaming, OKC, PMKID
caching). Supports IPv4/IPv6 and WPA3 security.



Wireless PAN (WPAN)

BT 5.1 BR/EDR + BLE; HFP, PBAP, A2DP,
AVRCP, OPP, SPP, GATT; High speed,
low energy consumption.



Navigation Features

GPS, A-GPS, GLONASS, Galileo, Beidou



Voice & Audio

Dual noise-canceling mics, 1.5W speaker,
USB-C for analog headphones.



Sensors

Light, proximity, magnetometer, accelerometer,
gyroscope, hall sensor (hot-swap battery).



Buttons

3 on-screen buttons (Menu/Back/Home
button), Power button, Scan button L/R,
Volume button (+/-), Programmable side
button.



Connections & Interfaces

USB-C 2.0 with OTG;
6-pin Pogo pin connector.



Power

Battery Specification:
High-capacity 5000mAh battery with Hot-
Swap mode; QC 3.0 fast charge to 100% in
4 hours.



Seal & Ruggedness

IP67 (dust and water-resistant);
5 ft / 1.5 m multiple drops to concrete over
operating temp; withstands 1000 hits
(repeated tumbles from 1.6 ft / 0.5 m).



User Environment

Operating Temp
-20°C to 60°C, -4°F to 140°F
Humidity
5% to 95% non-condensing



Dimensions (L×W×H)

167 × 78.5 × 14.2 mm
6.57 × 3.09 × 0.56 in



Weight

286.5 g / 10.11 oz (with battery)



Standard Accessories

Power Adapter (plugs: EU, CN, US, GB);
5000mAh Battery; USB-C Cable; Hand
Strap.



Optional Accessories

Single-Slot Cradle; 4-Slot Battery Charger;
5-Slot Cradle; MeMobilityDesk Workstation;
Vehicle Charger; Pistol Grip; Glass Screen
Protector; Shoulder Bag; Protective Boot;
Wrist/Arm Mount.

Learn More About ME61HC

Explore the MEFERI ME61HC Mobile Computer, designed for healthcare with powerful performance, advanced security, and hygienic
antibacterial housing to support critical medical workflows. Engineered to meet healthcare's rigorous standards.

