



# ME65HC

## Mobile Computer for Healthcare

Empowering Healthcare with Seamless Connectivity,  
Precision Data Capture, and Trusted Security



### Unmatched 5G & Wi-Fi 6/6E Connectivity for Healthcare

The ME65HC offers uninterrupted connectivity with 5G and Wi-Fi 6/6E, enhanced by seamless roaming, ensuring healthcare professionals stay connected at every moment—from patient care to emergency response—without disruptions.

### Healthcare-Focused Security and Compliance

The ME65HC runs Android 13 with Android Enterprise Recommended (AER) certification and GMS support. It guarantees enterprise-grade security updates for up to five years, keeping healthcare data secure and ensuring compliance with strict medical regulations.

### Advanced Antibacterial Housing for Clinical Safety

The ME65HC features a specialized antibacterial casing crafted with advanced agents like silver, copper, and zinc, actively reducing bacterial growth. Designed for repeated disinfection, this durable casing supports strict hygiene standards, making it ideal for use in medical environments.

### Precision Data Capture for Critical Care

The ME65HC features advanced scanning technology from Zebra and Honeywell, ensuring fast, accurate capture of patient IDs, medication codes, and assets. Its 16MP rear and 8MP front cameras deliver high-quality imaging for documentation, wound tracking, and telemedicine, streamlining healthcare workflows.

# Main Features



#### Operating System

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



#### Processor

Qualcomm QCM6490 Octa-core 2.7GHz;  
Ensures fast processing and reliable  
performance for diverse business tasks.



#### 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 6GB / ROM 128GB;  
Optional:  
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; Ultra-fast scanning of 1D/2D barcodes  
with intelligent image capture and optimized  
processing for printed, electronic codes,  
damaged, dirty, and poorly readable codes.  
Scan Confirmation: sound, LED, vibration.



#### NFC

Dual-NFC Function  
ME65/ME65HC with dual NFC modules (front behind screen & rear on back) enables seamless contactless  
payments and data identification, ensuring smooth and efficient transactions;  
13.56MHz; ISO 14443 Type A and B, FelCa, 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)

5G, LTE, WCDMA, CDMA, GSM



#### Wireless LAN (WLAN)

Wi-Fi 6/6E (2.4GHz, 5GHz, 6GHz) with MIMO 2x2,  
IEEE 802.11a/b/g/n/ac Wave 1 & 2 /ax  
(160MHz 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 5.2 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 (+/-).



#### Connections & Interfaces

USB-C 3.0 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)

169 x 78.5 x 14.2 mm  
6.65 x 3.09 x 0.56 in



#### Weight

288.5 g / 10.18 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; Android POS Workstation;  
MeMobilityDesk Workstation; Vehicle  
Charger; Pistol Grip; Glass Screen Protector;  
Shoulder Bag; Protective Boot.

### Learn More About ME65HC

Discover the MEFERI ME65HC Mobile Computer, built for healthcare with seamless 5G connectivity, advanced antibacterial housing, and precision data capture to enhance clinical workflows.



Android 13



Qualcomm CPU



5000mAh



IP67



Wi-Fi 6/6E & 5G



6.0" (1080 x 2160)