MEFERI



ME65HC

Mobile Computer for Healthcare

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

android enterprise recommended | GMS Google Mobile Services | MDM / EMM | SOTI | Shadowalk

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.

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.

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.

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.

Android 13	Qualcomm CPU	5000mAh	IP67	Wi-Fi 6/6E & 5G	6.0" (1080 x 2160)

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: 500 NIT.

Memory
Standard:
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, 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)
5G, LTE, WCDMA, CDMA, GSM

Wireless LAN (WLAN)
Wi-Fi 6/6E (2.4GHz, 5GHz, 6GHz) with MIMO 2×2, 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 4.0 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; Wrist/Arm Mount.

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.

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*All specifications and designs are subject to change without further notice.