# ME65HC 5G Mobile Computer

## Elevating Healthcare Connectivity — Performance Redefined for Critical Medical Environments

Introducing the MEFERI ME65HC, the pinnacle of advanced healthcare mobile computing. Equipped with Qualcomm's high-performance octa-core processor and Android 13, fortified by Android Enterprise Recommended (AER) certifications, the ME65HC ensures top-level security and dependability in medical environments. Featuring a 6.0-inch Luxibright touchscreen, it ensures crystal clear visuals and easy interaction—even with gloves—minimizing distractions during critical operations. Its antibacterial housing ensures a hygienic environment, ideal for healthcare settings. Precision barcode scanning, facilitated by Zebra and Honeywell modules, supports accurate patient identification and medication tracking. The ME65HC provides seamless, uninterrupted connectivity with advanced WLAN featuring Wi-Fi 6/6E, alongside 5G WWAN capabilities for ultra-fast data speeds, and comprehensive seamless roaming capabilities, ensuring uninterrupted connectivity that meets the highest standards and real_x0002_time data availability at the point of care. Integrated with Shadowalk MDM/EMM, the ME65HC offers comprehensive device management for secure, efficient operations. The MeMobilityDesk solution empowers healthcare professionals by transforming mobile workflows into powerful desktop capabilities on demand. Additionally, the ME65HC is optionally compatible with the Android POS solution, transforming any workstation into a point of sale without the need for a desktop PC. The ME65HC—Your partner in advancing healthcare mobility, reimagined for tomorrow's challenges.



### Unmatched Processing Power for Healthcare

At the heart of the ME65HC is Qualcomm's advanced Qualcomm QCM6490, 2.7GHz octa-core processor. Engineered for the demanding needs of healthcare environments, this processor delivers exceptional performance, ensuring rapid data processing and fluid multitasking essential for critical healthcare applications. With lightning-fast computations and uninterrupted operations, the ME65HC guarantees efficiency and reliability, even with resource-intensive healthcare software. This robust processing power enables healthcare professionals to tackle any challenge seamlessly, from patient management to inventory control, providing a reliable companion for every medical scenario.

### Advanced Android 13 with AER, GMS, and Ongoing Security Updates

The ME65HC is equipped with Android 13, the latest version of the leading mobile operating system, specifically tailored for the healthcare sector. As an Android Enterprise Recommended (AER) device, the ME65HC meets Google's highest standards for safety, reliability, and performance, ensuring smooth integration into healthcare IT infrastructures. Google Mobile Services (GMS) provide access to essential healthcare applications and APIs, enhancing productivity and patient care. Continuous security patches and updates for a minimum of five years guarantee that the ME65HC remains secure and compliant with evolving healthcare data protection requirements, keeping sensitive medical information safe and maintaining operational integrity.

### 5G Wireless WAN (WWAN) — Empowering Healthcare Connectivity

Discover the next-generation connectivity that the ME65HC brings to healthcare with its 5G capabilities. Designed to meet the demands of modern medical facilities, the ME65HC ensures ultra-fast data speeds and reliable low-latency communication, crucial for real-time patient data transfer and telemedicine applications. Featuring a comprehensive suite of GPS technologies, including GPS, A-GPS, GLONASS, Galileo, and Beidou, the ME65HC enhances location_x0002_based services, enabling efficient logistics and emergency response coordination. Supporting a wide range of cellular standards, from GSM to 5G, the ME65HC keeps healthcare professionals connected, whether on hospital grounds or in remote field environments. With its broad radio frequency band coverage and 5G NR specifics, this device is built to be future-ready, offering versatility and robust connectivity to support seamless healthcare operations across diverse environments.

### Advanced WLAN with Wi-Fi 6/6E — Optimizing Healthcare Wireless Connectivity

Experience unparalleled wireless connectivity with the ME65HC's advanced Wi-Fi 6/6E capabilities, specifically optimized for healthcare environments. Supporting a broad spectrum of radio frequency bands—including 2.4GHz, 5GHz, and the latest 6GHz—this device ensures faster, more stable, and reliable connections, critical for the uninterrupted flow of patient data and medical information. With comprehensive encryption and security protocols, the ME65HC safeguards sensitive healthcare communications, meeting stringent compliance requirements. The seamless roaming feature of Wi-Fi 6/6E enables smooth transitions between Wi-Fi access points within hospitals or large healthcare facilities, ensuring healthcare professionals remain connected without interruption. This reliable, secure, and high-speed wireless experience empowers healthcare teams to deliver better patient care, streamline workflows, and maintain effective communication across all healthcare settings.

### Superior 6-Inch Display for Medical Precision

Experience exceptional efficiency with the ME65HC's expansive 6.0-inch capacitive multi-touch screen, meticulously designed for healthcare professionals. The high-resolution IPS panel of 1080 x 2160 pixels provides vibrant, clear visuals, making it ideal for viewing intricate medical data, patient records, and diagnostic images. Coupled with Luxibright technology, the ME65HC allows healthcare staff to easily adjust screen brightness to suit varying environments—whether in brightly lit operating rooms or dimmed patient wards. Enhanced touch sensitivity ensures seamless use even with gloves or damp hands, allowing medical professionals to interact with critical applications without delay. This display not only conveys data; it transforms healthcare workflows, ensuring every interaction is smooth, precise, and reliable for medical settings where accuracy is crucial.

### Next-Generation Barcode Scanning

Elevating data capture standards, the ME65HC is equipped with advanced barcode scanning modules from industry leaders Zebra and Honeywell. These modules deliver exceptional scanning performance for both 1D and 2D barcodes, crucial for applications such as patient identification, medication administration, and asset tracking in healthcare environments. With the ability to instantly decode even worn or damaged barcodes and capture codes directly from digital screens, the ME65HC ensures precise and reliable data capture at every step. The enhanced optics and intelligent scanning capabilities provide healthcare professionals with broader coverage and flexible scanning angles, making barcode capture effortless, even in challenging conditions. Integrated with the OmniSoftware Suite, the ME65HC supports a wide range of data processing and output functionalities, empowering healthcare teams to enhance operational accuracy and patient safety.

### MEFERI Android POS: Revolutionizing the Healthcare Experience

The MEFERI Android POS integrates the mobility of the ME65HC with a versatile point-of-sale solution, eliminating the need for a desktop PC. With the Tap on Mobile payment solution, healthcare professionals can securely process payments. The ergonomic docking station rotates for easy patient interaction, while dual-screen support enhances communication—one screen for clinical use and the other for patient visibility. The Android POS supports wired and wireless peripherals, including printers, keyboards, scales, and more, making it adaptable for clinical needs. Healthcare staff can undock the ME65HC to work on the move, manage inventory, or assist patients while staying connected to critical systems. A seamless blend of mobility and POS capabilities, MEFERI Android POS ensures efficient workflows, real-time connectivity, and enhanced patient engagement.

### MeMobilityDesk WorkStation: Transforming Healthcare Mobility

The MeMobilityDesk WorkStation enhances healthcare workflows by converting the ME65HC into a fully functional desktop experience without the need for a traditional PC. Simply dock the ME65HC into the advanced docking station to connect to any HDMI LCD monitor and instantly access full desktop capabilities—such as web browsing, application transitions, and integration with corporate software. Manage patient documents efficiently using tools like Microsoft Office, connect via RDP to access HIS, ERP, or WMS, or work in browser-based systems like CRM and B2B applications. Settings synchronization via QR code allows a new workspace to be set up within seconds, anywhere. The MeScreen software enables a smooth transition between mobile and desktop modes, providing healthcare staff with flexibility for tasks like patient management, inventory control, or medication tracking. With support for various peripherals—such as specialized scanners, keyboards, printers, scales, and customer displays—MeMobilityDesk offers unmatched adaptability in clinical environments, ensuring healthcare professionals always have the right tools at their fingertips.

For more information about the MeMobilityDesk WorkStation visit: **www.meferi.com/us-en/solutions/me-mobilitydesk**

### Power: Uninterrupted Performance

The ME65HC features a high-capacity 5000mAh battery, ensuring extended operational hours essential for healthcare environments. Quick Charge 3.0 restores full power in just 4 hours, minimizing downtime during critical healthcare operations. The unified monolithic battery cover simplifies swaps, while the Hot Swap feature allows battery replacement without shutting down the system—ensuring continuous operation and zero data loss. With these capabilities, the ME65HC guarantees consistent productivity for healthcare professionals, eliminating power concerns and supporting efficient, round-the-clock care.

## Versatile Memory Configurations for Seamless Operations

The ME65HC provides customizable memory configurations to meet the diverse demands of healthcare environments. Starting with 4GB LPDDR4 RAM and 64GB UFS storage, the device can efficiently handle the needs of healthcare applications, from patient records to clinical data processing. For more intensive operations, memory can be scaled up to 6GB RAM and storage options of 64GB or 128GB, ensuring seamless data handling, uploads, and transfers. This flexibility guarantees that the ME65HC remains responsive under demanding workloads, allowing healthcare professionals to maintain uncompromised productivity, access crucial data swiftly, and focus on providing the best patient care possible.

## High-Quality Imaging for Clinical Versatility

The ME65HC is equipped with advanced camera technology that meets the demanding requirements of healthcare professionals. With a 16MP rear camera featuring phase detection autofocus (PDAF) and an 8MP front camera, the ME65HC captures high-definition images and videos—essential for documenting patient conditions, wound progression, clinical procedures, capturing documents, photographing assets during inventory, or any required objects. Low-light environments are no challenge, thanks to built-in torch and flash modes that ensure optimal visibility. The video capabilities also support effective telemedicine and remote consultations, enhancing communication between healthcare staff and patients. Whether used for patient identification, medical documentation, or collaboration with team members, the ME65HC's camera system is an indispensable tool for comprehensive visual data collection in clinical environments.

## 1.5M Built Tough for Healthcare Challenges

The ME65HC is designed to withstand the demands of challenging healthcare environments, whether used indoors or outdoors. Built with resilience in mind, the device has been rigorously tested to endure multiple drops from 5 ft./1.5m onto concrete across varying temperatures. Its IP67 rating provides robust protection against water, dust, and contaminants, ensuring dependable operation in demanding settings. The Corning Gorilla Glass III screen protector shields against scratches and impacts, keeping the device in excellent condition for prolonged use. These durability features minimize maintenance costs, reduce downtime, and ensure the ME65HC remains a reliable tool that healthcare professionals can depend on, ultimately optimizing the total cost of ownership.

## Specialized Antibacterial Housing: Safe and Durable for Medical Use

The ME65HC is built with a specialized antibacterial housing crafted from industrial-grade plastic infused with advanced antibacterial agents, including silver, copper, and zinc. These agents actively inhibit bacterial growth through physical adsorption and ion exchange, making the ME65HC a safer option in medical environments where hygiene is critical. The housing is designed to endure frequent and rigorous disinfection with alcohol-based solutions, ensuring that the device maintains its structural integrity, performance, and appearance— even under intensive daily use. This durable and hygienic design makes the ME65HC an ideal choice for maintaining stringent cleanliness standards in healthcare settings.

## Comprehensive Device Management for Healthcare with Shadowalk

The ME65HC integrates seamlessly with Shadowalk, MEFERI's advanced EMM and MDM/EMM solution certified for enterprise mobility management. Designed to empower healthcare providers, Shadowalk offers complete device management and security capabilities for Android environments. With Shadowalk MDM/EMM, healthcare facilities gain full control over their device fleet, allowing for remote management, diagnostics, and security enforcement— crucial for maintaining compliance in healthcare settings.

Shadowalk enables administrators to remotely manage devices, keep software up-to-date, and implement advanced security protocols, such as data loss prevention (DLP) and compliance enforcement. This flexibility allows healthcare providers to effectively manage equipment and staff, boost productivity, and maintain high security standards across all devices. By integrating Shadowalk with the ME65HC, healthcare facilities ensure optimal use of mobile resources, allowing healthcare professionals to focus on providing high-quality patient care without interruptions. Learn more about Shadowalk and how it can enhance your device management capabilities at:
**https://www.meferi.com/en/us/products/software/mdm-emm-shadowalk**

## MEFERI Omni Software Suite: Unlock the Full Potential of Your ME65HC

The MEFERI OmniSoftware Suite features a wide range of specialized applications and utilities designed to enhance the capabilities of the ME65HC, making it highly adaptable to diverse healthcare and enterprise requirements. This suite includes tools for configuring scanner settings, controlling device access, managing corporate browsing, enabling Kiosk Mode, utilizing RDP (Remote Desktop Protocol) for remote management, customizing Android settings, and swiftly transferring device settings via QR code scanning. With these capabilities, healthcare professionals can seamlessly manage and optimize device functionality to meet specific needs.

The suite also includes GuardForce Android, a critical utility for maintaining device security through regular security patch updates, keeping all MEFERI devices protected against emerging threats. By

leveraging the OmniSoftware Suite, the ME65HC becomes an even more versatile and secure solution, fully equipped to meet the rigorous demands of both healthcare and enterprise environments. Whether it's optimizing workflows, ensuring compliance, or securing patient data, the MEFERI OmniSoftware Suite delivers the essential tools to elevate healthcare operations to the next level. Discover more about the MEFERI OmniSoftware Suite: https://www.meferi.com/en/us/products/software/omnisoftware-suite

### Unparalleled Warranty and Commitment to Healthcare

The MEFERI ME65HC goes beyond advanced technology—it embodies a promise of unmatched warranty and dedicated customer care, tailored specifically for healthcare needs. Our experienced support teams are always ready to address your queries and concerns, providing unparalleled service responsiveness. With the ME65HC Mobile Computer, navigate the healthcare landscape with confidence, knowing you are backed by industry-leading support and commitment.

In addition, MEFERI offers End-of-Life (EOL) notifications, providing timely information on product lifecycle and support timelines. We also offer OS upgrades, allowing the ME65HC to be updated to the latest Android versions, ensuring longevity and consistent performance. All essential warranty, firmware updates, OS upgrade options, and device support information can be found at: https://www.meferi.com/en/us/support-downloads/warranty/warranty-terms-and-condition

### Eco-Conscious Innovation with Regulatory Compliance

The ME65HC is not just about delivering cutting-edge technology—it represents responsible innovation. The ME65HC complies with RoHS Directive 2011/65/EU and its 2015/863 amendment, ensuring adherence to green initiatives by using electronics free from hazardous substances. Additionally, the device meets the EN IEC 63000:2018 standard, underscoring our dedication to safety and environmental stewardship. Choose the ME65HC to benefit from exceptional healthcare performance while making environmentally conscious choices.

### Versatile Accessory Ecosystem for Adaptable Healthcare Operations

The ME65HC supports a comprehensive range of optional accessories tailored to healthcare and field use. For clinical environments, the Vehicle Charger provides a reliable power source during ambulance operations, ensuring uninterrupted device availability. The Pistol Grip transforms the ME65HC into a warehouse-grade scanner, ideal for bulk inventory checks or asset tracking. Additional accessories like the Shoulder Bag enable convenient device carrying during mobile rounds, while the Protective Boot offers enhanced drop and impact protection for

high-risk environments. The Android POS Workstation and MeMobilityDesk allow seamless connectivity to external monitors, enabling patient-facing workflows or full desktop-style operations without the need for a traditional PC. With these adaptable tools, the ME65HC enhances efficiency, mobility, and flexibility for healthcare professionals across diverse scenarios.

### Optimized Ergonomic Design for Healthcare Professionals

The ME65HC is thoughtfully designed to meet the rigorous demands of healthcare professionals, offering a compact and lightweight form factor that ensures comfort during extended use. Its slim profile and balanced weight distribution make it easy to carry and operate throughout shifts, whether for scanning, documentation, or patient care tasks. The device's screen is recessed to prevent damage from accidental impacts, while the robust build ensures durability in fast-paced medical environments. This ergonomic design enhances usability and efficiency in clinical settings, providing healthcare professionals with a reliable tool for their critical tasks.

### Seamless Integration into Healthcare IT and Workflows

The ME65HC is engineered to support seamless integration with healthcare IT systems, including hospital information systems (HIS), ERP platforms, and other critical clinical applications. By utilizing SDKs and APIs, the ME65HC ensures compatibility with specialized healthcare software, enabling secure and efficient data exchange, whether with on-premise solutions or cloud-based platforms. This adaptability makes the ME65HC a powerful tool for managing patient records, updating inventory, and streamlining administrative tasks—all while maintaining compliance with healthcare standards and data security requirements.

### Shadowalk Zero Downtime Enroll: Ready Out of the Box

The ME65HC with Shadowalk Zero Downtime Enroll simplifies device deployment for healthcare. By scanning a single QR code generated in the Shadowalk console, the device is instantly configured, loaded with all necessary applications, and ready for immediate use.

- With pre-defined settings tailored to specific clinical workflows, the QR code enables:
- Instant connectivity via Wi-Fi, 5G, Bluetooth, and NFC.
- Seamless integration with medical devices and clinical systems (HIS).
- Automatic installation of healthcare applications and security protocols.
- Compliance-ready configurations for healthcare industry standards.

This efficient process eliminates manual setup, minimizes IT involvement, and reduces errors. It ensures that MEFERI devices are operational out of the box, saving time, cutting costs, and empowering healthcare staff to focus on patient care without delays. In healthcare, where speed and accuracy matter most, Shadowalk Zero Downtime Enroll delivers unmatched efficiency.

## Physical Characteristics

| | |
|---|---|
| **Dimensions** | 169.0 x 78.5 x 14.2 mm<br>6.65 x 3.09 x 0.56 in. |
| **Weight** | With battery: 288.5g / 10.18oz.<br>Without battery: 188.5g /6.65 oz. |
| **Housing Material** | Premium antibacterial plastic infused with silver, copper, and zinc agents. Designed for rigorous disinfection with alcohol-based solutions, ensuring durability and hygiene for healthcare environments. |
| **Display** | 6.0 in. IPS, 1080 x 2160 or 720 x 1440 (optional) |
| **Display Protection** | Corning Gorilla Glass III, 1.1mm thickness. The tough and durable glass that provides exceptional scratch resistance and protection against impacts |
| **Scanner Glass Protection** | **Strong Protection of Scanning Module's**<br>The special protective frame (monolith part of the housing) around the glass of the scanning module. It provides maximum protection of the glass of the scanning module from hard impacts, falls, and careless use. The protection frame can withstand strong impacts from hard objects. |
| **Touch Panel** | Multi-mode capacitive touch, wet hand operation and glove operation, the screen sinks to prevent the screen from falling and breaking. |
| **Display brightness, NIT** | 450 NIT |
| **Backlight** | **Luxibright technology** consumes very little power, provides the best color reproduction, and viewing angles, no limitations for aspect ratios, better contrast levels, the best sunlight visibility, and true black colors. |
| **Power** | The high-capacity extended battery (5000 mAh), features Hot Swap battery mode, and supports QC 3.0 quick charging, reaching 100% in up to 4 hours. |
| **Hot Swap Battery** | The device features a "Hot Swap" battery mode, enabling a seamless battery exchange before complete discharge. The transition to the backup battery (50 mAh), facilitated by a HALL sensor during the battery swap, guarantees a minimum of 5 to 10 minutes of battery life. During this interval, the device enters a specialized standby mode, providing ample time to replace the battery without necessitating a full OS reboot. All Android system settings, including wireless network connections, are preserved; open applications remain active, and data integrity is maintained. Inserting a charged battery allows for immediate resumption of work, exactly where it was paused. |
| **Extend Memory** | Micro SD x1, max support up to 512GB |
| **SIM** | Standard: nano SIM x1+eSIM x1<br>Option: nano SIM x1 |
| **Network Connections** | WLAN (Wi-Fi), WPAN (Bluetooth), WWAN (2G,3G,4G,5G), Pogo Pin, USB 3.0, High Speed (Host and Client) |
| **Notifications** | Ring tone; three-color LED x1(Status: red/green; Scan: Blue); vibrate alert |
| **Keypad** | Full screen |
| **Buttons** | 3 on-screen buttons (Menu/Back/Home button), Power button, Scan button L/R, volume button(+/-) |
| **Voice and Audio** | Dual denoise mic, 1.5W Speaker, supports Type-C interface analog headphones |
| **Interface Ports** | USB 3.0 with OTG +6 Pogo pin |

## Performance Characteristics

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| **Processor** | Qualcomm QCM6490, Octa-core 2.7GHz |
| **Operating System** | Android 13(GMS & AER)<br>Upgradeable to Android 18 |
| **Memory** | 6GB LPDDR4 +128GB UFS<br>(8GB +128GB option) |
| **Security Feature** | Supports Verified Boot |

## User Environment

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| **Operating Temp** | -20°C to 60°C<br>-4°F to 140°F |
| **Storage Temp** | -40°C to 70°C<br>-40 °F to 158 °F |
| **Humidity** | 5% to 95% non-condensing |
| **Sealing** | IP67 class protection from water, dust, dirt |
| **Drop Test Report** | 5 ft./1.5m. multiple drops to concrete over operating temp (certified test report) |
| **Tumble Test Report** | 1000hits, 1.6ft./0.5m tumbles |
| **Vibration** | 10000 rpm Min |
| **Thermal Shock** | -35°C to 75°C<br>-31°F to 167 °F |
| **Electrostatic Discharge (ESD)** | ±15kV air discharge; ±8 kV direct discharge |

## Sensors

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| **Light Sensor** | Adjusts display backlight brightness |
| **Proximity Sensor** | Disables display output and touch input when placed against head during a call |
| **Magnetometer** | eCompass to detect direction and orientation |
| **Acceleration Sensor** | 3-axis accelerometer |
| **Gyro** | Senses linear orientation |
| **HALL** | Support hot swap |

## Data Capture

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|---|---|
| **Scanning** | Zebra SE4770, Honeywell HS7, and MEFERI SE5070, with intelligent barcode and image capture technology, deliver lightning-fast data recognition and processing. Optimized visualization provides ultra-fast scanning of printed and electronic 1D and 2D barcodes. PRZM technology in Zebra scanners enhances optical performance, ensuring the best scanning experience. |

| Camera | Front: 8MP; Rear: 16MP; |
|---|---|
| | Rear camera supports PDAF and 1080p video shooting. Support Torch mode and Flash mode. |
| NFC | ISO 14443 Type A and B; FeliCa and ISO 15693 cards; Card Emulation via Host; Reader mode, Card Emulation and P2P mode. |

## Wireless WAN (WWAN), Cellular-Data and Voice Communications

| GPS | GPS, A-GPS, GLONASS, Galileo, Beidou |
|---|---|
| Cellular Standards | 5G, LTE, WCDMA, CDMA, GSM |
| Radio Frequency Band | **GSM:** B2/B3/B5/B8 |
| | **WCDMA:** B1/B2/B4/B5/B6/B8/B19 |
| | **CDMA2000/1x EV-DO** BC0 |
| | **FDD-LTE:** B1/B2/ B3/ B4/ B5/ B7/ B8/ B12/B13/B17/B19/B20/ B25/B26/ B28 /B66 |
| | **TDD-LTE:** B34/B38/B39/ B40/ B41/B42/B43; |
| | **5G NR:** n1/n2/n3/n5/n8/n20/n26/n28/n38/n40/n661T2R; n7/n41/n77/n78/n791T4R; HPUE required for n41/n78/n79 |
| | **5G SA SRS:** 1T4R n41/n77/n78/n79 |
| | **5G NSA SRS:** 1T2R |
| | **EN-DC:** 3A-n41A, 1A(2A/3A/ 5A/8A/20A/40A/41A)-n77A, 1A (2A/3A/5A/8A/20A/26A/n38A/40A/41A/66A)-n78A, 1A (3A/5A/8A/40A/41A)-n79A |
| | **NR CA:** n1A(n2A/n3A/n5A/n8A/n28A)-n77A, n1A(n2A/ n3A/n5A/n8A/n20A/n28A)-n78A, n1A(n3A/n8A/n28A)-n79A |
| | **LTE CA:** InterB:1A-3A, |
| | **IntraB:** 1C,2C,3C,5B,7B,7C,8B, 40C,41C,66B,66C,2A-2A,3A-3A,4A-4A,5A-5A,7A-7A,40A-40A,41A-41A,66A-66A |

## Wireless LAN(WLAN), Wi-Fi 6/6E

| Wi-Fi-6/6E with Extra Benefit | Seamless Roaming Redefined—unsurpassed advantage of uninterrupted communication with new Wi-Fi 6/6E standards. ME65HC 5G Mobile Computer supports Wi-Fi-6/6E with seamless roaming, enabling automatic switching of Wi-Fi signals between access points without communication interruptions or data loss. More faster, more stable, and more optimized. |
|---|---|
| Radio Frequency Band | IEEE 802.11a/b/g/n/acWave1&2(160MHz option) /ax/d/e/h/i/k/r/v/w/mcIPv4,IPv6 |
| Data Rates | **2.4GHz:** 802.11b/g/n/ax—20MHz up to 286.8Mbps |
| | **5GHz:** 802.11a/n/ac/ax—20MHz,40MHz, 80MHz, 160MHz—up to 2402 Mbps |
| | **6GHz:** 802.11ax—20MHz,40MHz, 80MHz, 160MHz—up to 2402 Mbps |
| Operating Channels | **Channel 1-13(2401-2483MHz):** 1,2,3,4,5,6,7,8,9,10,11,12,13; |
| | **Channel 36-165(5150-5850 MHz):** 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; |
| | **Channel 1-233(5925-7125MHz);** |
| | **Channel Bandwidth:** 20/40/80/160 MHz; |
| | Actual operating channels /frequencies and bandwidths depend on regulatory rules and certification agency. |
| Security and Encryption | WEP (40 or 104 bit); WPA/WPA2 Personal(TKIP and AES); WPA3 Personal(SAE); WPA/WPA2 Enterprise (TKIP and AES) ); WPA3 Enterprise (AES)—EAP-TTLS(PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPvOMSCHAPv2, PEAPv1-EAP-GTC, LEAP, EAP-PWD; WPA3 Enterprise 192-bitMode(GCMP-256)—EAPTLS; Enhanced Open (OWE) |

## Wireless PAN (WPAN)

| Bluetooth | BT5.2+BR/EDR+BLE,Bluetooth profiles includes HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT |
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## Standard Accessories

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

## Optional Accessories

Single Slot Cradle; 4-Slot Battery Charger; 5-Slot Cradle; MeMobilityDesk WorkSpace Cradle; Android POS WorkStation; Vehicle Charger; Pistol Grip; Screen Protector (Glass); Shoulder Bag; Protective Boot.

## General Certifications

| GMS & AER | Android Enterprise Recommended (Certified) with Google Mobile Services (GMS)—Enterprise API and actual updates available. Access to Android security updates for 90 days from the date of their release by Google for at least five years. |
|---|---|

android enterprise recommended    UN38.3    CE    FC    RoHS

GMS Google Mobile Services    IEC    MSDS    EMC Technologies    SRRC    CCC

## Environmental Compliance

The RoHS Directive 2011/65/EU, along with its amendment 2015/863, ensures that electrical and electronic products are free from hazardous substances. Compliance with the EN IEC 63000:2018 standard guarantees that products are safe for use and minimizes the environmental impact.

## Additional Regulatory

| US: | |
|---|---|
| Electrical Safety | UL 60950-1 |
| Radio Frequency Devices | 47 CFR Part 15, Subpart B, Class B |
| Digital Apparatus | ICES-003 Issue 6, Class B |
| Europe: | |
| Electrical Safety | EN 60950-12ed+A11+A1+A12+A2:2013,IEC 60950-12ed +A1 + A2 |
| Environmental | EN 55032 (Class B) |
| IT Immunity | EN 55024 |
| Harmonic Current Emissions | EN 61000-3-2 |
| Voltage Fluctuation and Flicker | EN 61000-3-3 |

## Warranty

MEFERI's hardware warranty statement governs the warranty coverage of the ME65HC, protecting it against any defects in workmanship and materials for a duration from the date of shipment: ME65HC twelve (12) months; For detailed information regarding the warranty terms and conditions, please refer to the complete warranty statement available at: **www.meferi.com/warranty**

## MEFERI MeCare

Premium service program offering extended coverage for repairs, accidental damage, and technical support. Keep your MEFERI devices performing flawlessly beyond the standard warranty.

## MEFERI Software Suite

**MeOmniSoft**

OmniSoftware Suite — A comprehensive set of industry-specific utilities and applications, designed to unlock maximum productivity and efficiency on all MEFERI devices. Customizable, scalable, powerful.

**MeOmniApps**

OmniIndustry Suite — Unleashing the power of industry-specific mobile apps, revolutionizing operations across sectors. Experience the transformative and customizable OmniIndustry Suite, of tailored applications for various industries, designed to streamline your operations.

**Shadowalk**

EMM Shadowalk by MEFERI — your trusted solution for corporate mobile device management and enterprise mobility. Combining Mobile Device Management (MDM) and Enterprise Mobility Management (EMM), Shadowalk offers advanced remote control, streamlined administration, enhanced diagnostics, and comprehensive data security. Tailored for businesses seeking centralized, efficient, and secure mobility management. Perfect for large enterprises demanding scalability and compliance.

Dive deeper into its potential on our website.
**www.meferi.com/en/us/products/software**

## Partners Software Compatibility

**SOTI**®

## Additional Features

**MeMobilityDesk**

Discover the future with MeMobilityDesk, where enterprise operations transcend. Powered by the ME65, it transforms any space into an advanced workstation, sidestepping the constraints of a traditional PC. Enjoy seamless RDP integrations and comprehensive software access—from Microsoft Server and ERP to browser-based solutions like CRM or B2B.

Connect a diverse range of peripherals, from POS terminals to specialized industry hardware. Experience unmatched on-the-go adaptability, fortified security, and flexibility through GMS and AER. Maximize efficiency by deploying Android apps optimized for expansive displays.

Elevate your business workspaces without the need for a PC, wherever you are. Dive deeper with MeMobilityDesk.

Explore the full experience at:
**www.meferi.com/solutions/me-mobilitydesk**