

# ME30K Mobile Computer

Pioneering Budget-Friendly Enterprise Mobility — Crafting Impeccable Performance with Seamless Interplay for Today's Dynamic Workflows.

Step into the future with MEFERI ME30K: the embodiment of affordable yet powerhouse enterprise mobility. Central to its design, the MediaTek octa-core dynamism is harmoniously unified with Android 13's fortitude, framing a mobile computer that's budget-conscious yet uncompromising in quality. A 4-inch touch screen stands proudly at its helm, promising swift, vivid interactions, seamlessly accompanied by an intuitive corporate-focused keyboard, ensuring every data entry is effortless and precise. The ME30K's robust shell, resistant to the harshest of drops, combined with its IP67 certification, assures imperviousness to both dust and water, epitomizing rugged elegance. Experience a new era of connectivity, where WWAN's 4G LTE dual nano SIM capabilities offer swift transitions between mobile operators, ensuring constant communication. Whether in retail, warehouse, or production environments, its WiFi module, enriched with seamless roaming, promises uninterrupted service. Bolstered by a capacious battery, the ME30K promises a full day's work on a single charge, ensuring productivity remains unhindered. Dive into data entries with the sophisticated Honeywell HS7 scanning module, capturing a broad range of barcodes with unwavering accuracy. The ME30K: Where affordability meets the zenith of enterprise mobile computing.



### A Display Designed for Interactive Brilliance

Swift 4-Inch Touchscreen Interactions

Embrace a 4-inch responsive touch screen that embodies clarity and dynamism. Every interaction feels natural and instant, catering to both simple tasks and complex navigations. The optimized screen size ensures that data is always presented with clarity, reducing strain and ensuring swift comprehension. Crafted for the modern enterprise user, the screen offers a balance between size and functionality, making it an indispensable tool in the daily operations of any enterprise. With its high-quality response, every touch, swipe, and tap is a testament to interactive excellence.



### Robust Construction for the Harshest Environments

Unyielding Protection: IP67 Certified

The ME30K isn't just built for performance, but also for endurance. Its rugged chassis, meticulously designed to withstand bumps, drops, and unforeseen accidents, is emblematic of its robust nature. With an IP67 certification, it stands resistant against dust and water, ensuring that neither the elements nor workplace accidents slow down your operations. Whether you're in a dusty warehouse, humid environment, or accidental spill zones, the ME30K remains unwavering in its commitment to performance and durability.



### Connectivity Without Boundaries

Dynamic Dual Nano SIM 4G LTE Capabilities

In an age where communication is paramount, the ME30K is engineered for unbreakable connectivity. Its dual nano SIM 4G LTE module offers unmatched flexibility, allowing for seamless transitions between mobile operators. Whether you're on the move or tethered to a local network, this device ensures you remain

### Revolutionized Processing Power

Performance Finesse with MediaTek's Octa-Core Excellence

At the core of the ME30K lies the MediaTek MT6765, a beast of a processor with octa-core capabilities that clock up to 2.0GHz, ensuring smooth multi-tasking and swift application responses. Whether you're navigating through complex applications, juggling between tasks, or rapidly processing vast amounts of data, this powerhouse guarantees an unwavering performance. Its optional quad-core 1.6GHz variant provides businesses with flexibility in power and price, aligning with specific task demands. Engineered for efficiency, the processor ensures optimal power usage, offering users the pinnacle of enterprise mobile computing. Dive into an experience where performance meets unparalleled stability.

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connected without boundaries. Its sophisticated design guarantees swift data transfers, crystal-clear calls, and uninterrupted access to essential online resources, ensuring that you're always in touch and in control.

### **WiFi Excellence for Seamless Operations** Roam Without Worry: Masterful WiFi with Seamless Roaming

Operational efficiency demands uninterrupted connectivity. The ME30K's WiFi module is a testament to such efficiency. Whether you're maneuvering through a warehouse, attending to customers in retail, or monitoring processes in production, this device ensures a stable, high-speed connection. Its seamless roaming capabilities promise that transitioning between access points is hiccup-free, keeping data transfers and online activities consistently smooth. Experience the pinnacle of WiFi connectivity tailored for the bustling enterprise environment.

### **Storage and Speed: A Symphony of Excellence** Ample RAM and Flash Memory for the Modern Enterprise

Empower your mobile computing experience with the ME30K's generous RAM and flash memory capacities. Whether you're running resource-intensive applications, multitasking, or storing large datasets, this device has been crafted to handle it all. Its advanced memory modules ensure rapid data retrieval and smooth application executions, providing users with a fluid experience. With the ME30K, data bottlenecks become a thing of the past, and operational efficiency takes the front seat.

### **Power to Last: An Entire Shift and Beyond** Robust Battery Engineered for Uninterrupted Productivity

Say goodbye to frequent charging interruptions. The ME30K is equipped with a battery designed to last an entire standard work shift of 8 hours and potentially beyond. Whether you're scanning, computing, or communicating, this device ensures that you remain powered for all your tasks. Its efficient power management system ensures that every ounce of battery is optimized for performance, letting you focus on the tasks at hand rather than the next charging break.

### **Barcode Scanning: Precision Meets Versatility** MEFERI and Honeywell: A Scanning Partnership of Excellence

The ME30K is not just a mobile computer but also a scanning maestro. Whether you're at the checkout counter, inventory aisle, or production floor, its integration with MEFERI or Honeywell scanning modules guarantees precise and rapid barcode readings. Effortlessly capture popular barcodes from varying distances, ensuring accurate data entries every time. Experience the harmony

of advanced optics and intelligent decoding algorithms, making every scan efficient and error-free.

### **Keyboard Dynamics: A Symphony of Tactility and Efficiency** Intuitive Design for Corporate Applications

Step into a world where data entry feels natural and efficient. The ME30K's specially designed keyboard is optimized for corporate applications, ensuring every keystroke is accurate and swift. Whether you're entering vast amounts of data or navigating through intricate applications, its tactile feedback and ergonomic design make every interaction feel intuitive. Experience a keyboard that's been meticulously crafted for the modern enterprise, ensuring productivity at every touch.

### **Modern Operating Foundation: Android 13 Excellence** ME30K: Empowered by Android's Latest

Step into the future with the ME30K, running on the cutting-edge Android 13 operating system. Known for its consistent performance and adaptive interface, Android 13 ensures that your corporate applications across diverse industries run seamlessly. With the complete suite of Android features available to users, adapting and integrating software solutions becomes a breeze. Developers and IT personnel will appreciate the comprehensive SDKs and APIs, making the customization and deployment of enterprise solutions straightforward and efficient. Dive into an ecosystem where software compatibility meets operational excellence.

### **Seamless Integration: Enterprise Systems Harmony** Customizability and Compatibility Rolled into One

Elevate operational efficiency with ME30K's seamless integration capabilities. Designed to effortlessly sync with a plethora of enterprise systems, this device eliminates the hassle of compatibility issues. Whether you're integrating with legacy systems or adopting new-age applications, the ME30K ensures a smooth transition. Its versatile software framework accommodates various features, facilitating tailored solutions that perfectly align with business needs. Dive into a world where adaptability meets enterprise excellence.


### **Steadfast Screen Illumination: Visible Clarity** ME30K: Built for Optimal Application Visibility

Harness the ME30K's unwavering screen brightness tailored for today's dynamic industries. This budget-friendly device offers a display designed to provide clear and consistent illumination, ensuring that industrial applications are always visible and user-friendly. Meeting modern business demands, the ME30K's screen is a testament to the balance between affordability and functional


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visibility. This not only ensures optimal visibility but also significantly conserves battery life. Experience the blend of user comfort and energy efficiency.

 **Camera Utility for Business: Efficient Visual Data Capture**  
ME30K: Streamlined for Clear Documentation


The ME30K's dual-camera setup is tailored for practical business processes. Easily photograph goods, parcels, and essential documents with clarity. From recording instances of damaged items to logging complaints, and from centralization to simple video calls, the ME30K stands ready to assist. Lights cameras integrate seamlessly with enterprise applications, ensuring that capturing and documenting visual data remains a straightforward task. Experience the synergy of standard requirements and user-centric design in the ME30K.

 **Acoustic Excellence: Hear and Be Heard Clearly**  
High-Fidelity Speakers and Noise-Canceling Microphones


Experience crystal-clear auditory performance with the ME30K. Whether you're on a crucial call, attending virtual meetings, or using voice commands, its high-fidelity speakers and microphones ensure impeccable sound clarity. Engage in conversations without the distractions of background noise, and enjoy audio outputs that are both loud and clear. With ME30K, auditory interruptions and miscommunications become a thing of the past.

 **Adaptive Software Integration: Excellence Meets Affordability**  
Master the Software Landscape with ME30K's Dynamic SDK

Leverage the ME30K's Android-powered SDK to craft bespoke applications for various sectors. Utilize its advanced scanner features, robust screen capabilities, high-speed 4G LTE and WiFi modules, and accurate GPS with A-GPS, GLONASS, Galileo, and Beidou. Intelligent sensors – from light adjustments to motion detection – further enrich the user experience. This powerhouse, combining top-tier adaptability with a budget-friendly price, ensures optimal project execution without breaking the bank.

 **NFC Capabilities: Tap into Swift Data Transfers**  
Rapid, Contactless, and Efficient: The NFC Revolution

Simplify data transfers and device interactions with the ME30K's Near Field Communication (NFC) capabilities. From contactless payments to swift device pairing, NFC offers a world of possibilities that are both rapid and secure. Whether it's streamlining checkout processes, sharing data with a simple tap, or authenticating user credentials, the ME30K ensures these interactions are seamless, enhancing operational efficiency and user experience alike.

 **Ergonomic Design: Crafted for Extended Use Comfort**  
Balanced Weight and Grip for All-Day Use

With the ME30K, prolonged usage doesn't translate to discomfort. Its meticulously crafted design, emphasizing weight distribution and grip, ensures that users can operate the device for extended periods without strain. The contours and build materials have been chosen with the utmost care, resulting in a device that feels natural in hand, promoting productivity and reducing fatigue. Dive into a user experience where comfort meets functionality.

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## Physical Characteristics

<b>Dimensions</b>	159.4 x 64.6 x 15.0 mm 6.28 in. x 2.54 in. x 0.59 in.
<b>Weight</b>	With battery: 231g/ 8.15oz. Without battery: 151.8g/ 5.36oz.
<b>Display</b>	4.0 in. IPS, 480 x 800
<b>Display Protection</b>	Panda glass cover plate, 0.7mm. thickness.
<b>Scanner Glass Protection</b>	<b>Strong Protection of Scanning Module's</b> 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.
<b>Touch Panel</b>	Multi-mode capacitive touch , wet hand operation and glove operation, the screen sinks to prevent the screen from falling and breaking.
<b>Display brightness, NIT</b>	450 NIT
<b>Backlight</b>	Standard screen backlight, good balanced color reproduction, energy saving
<b>Power</b>	High capacity battery 4800 mAh (Rated voltage: 3.85V – Limited Charge Voltage: 4.4V), Support PE+quick charge up to 4 hours till 100% (full charge).
<b>Hot Swap Battery</b>	N/A –no Hot Swap battery function.
<b>Extend Memory</b>	Micro SD x1,maxsupport up to 512GB
<b>SIM</b>	Standard: nano SIM x2
<b>Network Connections</b>	WLAN (WiFi),WPAN (Bluetooth),WWAN (2G,3G,4G LTE), Pogo Pin, USB 2.0,High Speed (Host and Client)
<b>Notifications</b>	Ring tone; three-color LED (Status Indicator, Scanning indicator); vibrate alert
<b>Keypad</b>	On-screen keypad and enterprise physical alphanumeric keypad, 24 physical keys
<b>Buttons</b>	Scan button L/R
<b>Voice and Audio</b>	Single Mic, 1.5W Speaker, supports Type-C interface analog headphones
<b>Interface Ports</b>	USB 2.0 with OTG +2 Pogo pin (for Cradle)

## Performance Characteristics

<b>Processor</b>	MediaTek MT6765, Octa-core 2.0 GHz (CPU model: Helio P35)
<b>Operating System</b>	Android 13 Upgradeable to Android 14
<b>Memory</b>	4GB RAM +64GB eMMC

## User Environment

<b>Operating Temp</b>	-20°C to 55°C -4°F to 131°F
<b>Storage Temp</b>	-40°C to 70°C -40°F to 158°F
<b>Humidity</b>	Temperature 55°C±2°C / 131°F±35.6°F, relative humidity 90%RH±3°C%RH
<b>Sealing</b>	IP67 class protection from water, dust, dirt
<b>Drop Test Report</b>	5 ft./1.5m. multiple drops to concrete over operating temp
<b>Tumble Test Report</b>	200 hits, 1.6ft./0.5m tumbles
<b>Vibration</b>	15000±3000 rpm
<b>Electrostatic Discharge (ESD)</b>	±10kV air discharge; ±6kV direct discharge

## Sensors

<b>Light Sensor</b>	Adjusts display backlight brightness
<b>Proximity Sensor</b>	Disables display output and touch input when placed against head during a call
<b>Magnetometer</b>	N/A
<b>Acceleration Sensor</b>	3-axis accelerometer
<b>Gyro</b>	N/A
<b>HALL (Hot Swap)</b>	N/A

## Data Capture

<b>Scanning</b>	Honeywell HS7, MEFERI SE5070
<b>Camera</b>	Front: 5MP; Rear: 13MP; Rear camera supports 1080p video shooting. Support Torch mode and Flash mode.
<b>NFC</b>	13.56Mhz, 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

<b>GPS</b>	GPS, A-GPS, GLONASS, Galileo, Beidou
<b>Cellular Standards</b>	LTE, WCDMA, GSM
<b>Radio Frequency Band</b>	GSM: B2/B3/B5/B8; WCDMA: B1/B2/B5/B8; TD-SCDMA: B34/B39 FDD-LTE : B1/B2/B3/B5/B7/B8/B20/B28a&b TDD-LTE : B34/B38/B39/B40/B41

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## WirelessLAN(WLAN), WiFi

<b>Radio Frequency Band</b>	IEEE 802.11a/b/g/n/acWave 1802.11r,OKC, PMKID caching, IPv4, IPv6
<b>Data Rates</b>	2.4GHz: 802.11b/g/n-upto 71.8Mbps 5 GHz: 802.11a/n/ac-upto 338.6Mbps
<b>Operating Channels</b>	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 Bandwidth: 20/40/80 MHz
<b>Security and Encryption</b>	WEP,WPA/WPA2-PSK (TKIP andAES), EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAK-GTC,SIM,AKA
<b>Feature</b>	Seamless roaming-The device supportsWLAN (WiFi) with seamless roaming, enabling automatic switching of Wi-Fi signals between access points without communication interruptionsor data loss.

## WirelessPAN (WPAN)

<b>Bluetooth</b>	BT5.0, compatible with V3.0+HS/V4.2 LE
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## Standard Accessories

Power Adapter (plug: EU, CN, US, GB); USB Type-C Cable; Battery 4800 mAh; Hand Strap.

## Optional Accessories

Single Slot Cradle; Protective Boot; Shoulder Bag.

## General Certifications

<b>GMS &amp; AER</b>	TBD
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## Environmental Compliance

Eco-Conscious Design Meets Regulatory Compliance. The ME30K is more than just a high-performance device—it's a socially responsible choice. Built in compliance with the RoHS Directive 2011/65/EU and its 2015/863 amendment, the ME30K ensures that its electronic components are free from hazardous substances. Furthermore, adherence to the EN IEC 63000:2018 standard guarantees both user safety and reduced environmental impact. Make a socially responsible choice without compromising on performance or durability.

## Additional Regulatory

TBD

## Warranty

MEFERI's hardware warranty statement governs the warranty coverage of the ME30K, protecting it against any defects in workmanship and materials for a duration from the date of shipment: ME30K 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](http://www.meferi.com/warranty)

## Recommended Services

MEFERI EasyPRO Service+

## MEFERI Software Suite



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



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

Dive deeper into its potential on our website.  
[www.meferi.com/products/meferi-software-suite](http://www.meferi.com/products/meferi-software-suite)

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