

ME61 Mobile Computer

Setting New Standards in Enterprise Mobility — Harness Unrivaled Performance and Seamless Integration for Tomorrow's Challenges.

Introducing the MEFERI ME61: heralding an era of unparalleled enterprise mobile computing. At its core, Qualcomm's octa-core prowess melds with Android 13's robustness, both bolstered by Android Enterprise Recommended (AER) certifications, a testament to unmatched security and reliability. With AER, the ME61 meets the highest enterprise standards set by Google, assuring users of impeccable security, while Google Mobile Services (GMS) unlocks a suite of integral apps and services tailored for the enterprise. At its forefront, the radiant 6.0-inch Luxibright touchscreen provides clarity and interaction like never before, minimizing distractions. Dive deep into data with superlative scanning modules like Zebra SE4710 and Honeywell HS7, capturing barcodes with razor-sharp precision. Boasting an expandable memory, it effortlessly handles voluminous data, ensuring you're always ahead of the curve. Seamless connectivity becomes a standard, not a luxury, with WLAN, WWAN, and the advantage of flawless roaming. Integrated with the Shadowwalk ecosystem, ME61's MDM capabilities place unmatched control at your fingertips. Revolutionizing the workspace, the ME-MobilityDesk solution integrates the ME61, blurring the line between desktop and mobile. And when precision matters, its intelligent 3D camera captures dimensions with impeccable accuracy. The ME61 – not just a device, but the heart of modern enterprise mobility.



Advantages and Benefits:



Unparalleled Processing Power

At the heart of the ME61 lies a premium Qualcomm SM6225 octa-core processor. Powered by Qualcomm's advanced technology, the ME61 delivers unparalleled processing power and performance. With this high-performance CPU, you can experience lightning-fast computing, seamless multitasking, and smooth operation even when running resource-intensive applications. The ME61 gives you the power to tackle any task with ease.



Android 13 with AER and GMS + Security Patches Update

The ME61 comes pre-loaded with Android 13, the latest version of the world's most popular mobile operating system. As an Android Enterprise Recommended (AER) device, the ME61 meets the highest standards of security, reliability, and performance set by Google. It ensures seamless integration with your existing enterprise systems and provides access to Google Mobile Services (GMS), including a suite of enterprise applications and APIs. With regular security patches and updates from Google for at least five years, the ME61 guarantees your device remains secure and up-to-date.

Discover the transformative power of the ME61 MOBILE COMPUTER. Dive deeper into its cutting-edge features and benefits at www.meferi.com.



Large Capacitive Touch Screen with Luxibright Technology

Work comfortably and efficiently on the ME61's large 6.0-inch capacitive multi-touch screen. Featuring an IPS TFT panel and a resolution of 1080 x 2160 pixels, the screen delivers vibrant visuals and excellent clarity. The Luxibright technology allows you to adjust the screen brightness according to your environment, ensuring optimal visibility even in bright sunlight or low-light conditions. With increased sensitivity, the touch screen responds effortlessly to touch, even with wet hands or when wearing gloves.



Ultimate Data Capture Performance

The ME61 sets new standards in data capture with its range of super-productive scanning modules. Choose from Zebra SE4710, Honeywell HS7, or Newland CM60, all offering unmatched scanning capabilities for various two-dimensional and linear barcodes. Experience lightning-fast data decoding, intelligent recognition of damaged or dirty barcodes, and the ability to capture barcodes from screens. The Zebra PRMZ technology and innovative optics provide extended area coverage and scanning angles, ensuring accurate and efficient data capture. Take full advantage of these scanning capabilities with the OmniSoftware Suite, which offers comprehensive data processing and output functions.



Intelligent 3D Camera for Precise Measurements

The ME61 is equipped with a 3D camera that intelligently measures the size and volume of objects. This feature is invaluable for couriers, express delivery services, and logistics operations that require precise measurements of boxes and mailings. With advanced technology, the ME61 ensures quick and accurate measurements, reducing errors and improving overall productivity. Whether you need to measure dimensions of flat objects, boxes, or items with uneven angles, the ME61's 3D camera provides accurate results. Leverage this data for logistical purposes or any industry-specific tasks that require precise measurements.



ME-MobilityDesk WorkStation: The Future of Enterprise Mobility is Here. All-in-One Solution for Modern Businesses

Transform any place into a full-fledged workstation with the ME-Mobility Desktop WorkSpace. Simply connect the ME61 to

a universal docking station using USB and HDMI cables, and you can use it as a stationary PC. Access the full range of desktop PC features, including web browsing, application usage, remote server access, document editing, cloud services, and more, on your monitor screen with a mouse and keyboard. The ME-MobilityDesk solution creates a separate work environment that utilizes the computing power of the ME61, allowing you to seamlessly switch between the desktop and mobile modes. Enjoy unlimited mobility opportunities and a complete workstation experience with the ME-Mobility Desktop WorkSpace.

For More Information About The ME-MobilityDesk WorkStation Visit:

<https://www.meferi.com/#/us-en/solutions/me-mobilitydesk>



High-Quality Cameras for Enhanced Data Collection

Capture high-quality images and videos with the ME61's front and rear cameras. The rear camera, with its 16MP resolution and support for phase detection autofocus (PDAF) and 1080p video shooting, enables you to take clear and detailed photos and videos. Utilize the torch mode and flash mode for capturing images in low-light environments.

The camera's additional data collection capabilities make it ideal for photographing objects, goods, and documents. Leverage video communication for seamless collaboration with employees and colleagues. The ME61's cameras are invaluable tools for capturing visual information on the go and solving critical tasks that require photo and video capabilities.



Seamless Connectivity: WLAN, WWAN, and WPAN

Stay connected and ensure uninterrupted operation with the ME61's comprehensive wireless connectivity options. The device supports WLAN (WiFi) with seamless roaming, enabling automatic switching of Wi-Fi signals between access points without communication interruptions or data loss. This feature is especially useful in large warehouses or facilities with extensive coverage areas. The ME61 also supports WWAN (Cellular 4G LTE), providing impeccable signal quality, advanced communication capabilities across various frequency ranges, and built-in geolocation capabilities. With dual nano-SIM or nano-SIM and eSIM support, you can work with multiple mobile operators to ensure optimal connectivity and data exchange capabilities.



Expandability and Extended Memory

The ME61 offers expandable memory options to accommodate your specific requirements. The base configuration includes

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4GB of LPDDR4 RAM and 64GB of UFS storage, providing ample space for fast and comfortable work with large amounts of data across various industries. For more demanding tasks, you can choose configurations with 6GB of RAM and either 64GB or 128GB of storage. With the ME61, you have the flexibility to upload, process, transfer, and work with any files without limitations, enabling you to be productive without restrictions.

Durability and Additional Protection

The ME61 is built to withstand the harshest conditions, both indoors and outdoors, thanks to its robust design and certifications. It has undergone rigorous testing, including 5 ft./1.5 m multiple drops to concrete over the operating temperature range. With IP67 class protection, the ME61 is resistant to water, dust, and dirt, ensuring optimal performance even in challenging environments. The device is equipped with Corning Gorilla Glass III, a powerful screen protection technology that safeguards the screen against scratches and impacts. This superior protection enhances the device's durability, reducing maintenance costs and contributing to a lower total cost of ownership.

Extended Battery Life and Hot Swap Mode

The ME61 features an extended battery with a capacity of 5000mAh, providing long-lasting power for extended work sessions. With Quick Charge 3.0 support, the ME61 can be fully charged in as little as 4 hours, ensuring minimal downtime. Additionally, the device supports Hot Swap battery mode, allowing you to replace the battery with a new one without restarting the operating system. This feature is invaluable for continuous operations, as it enables seamless battery replacement without data loss or interruption. The ME61's extended battery life and Hot Swap mode ensure uninterrupted productivity and eliminate concerns about running out of power.

Enterprise Mobile Device Management (MDM) System

The ME61 integrates with the Shadowwalk ecosystem, an advanced MDM system designed for managing and administering a pool of mobile devices and equipment. With the MEFERI MDM system, you gain full control and remote management capabilities for your devices. You can manage equipment and staff anywhere in the world, plan future equipment purchases and repairs, assess employee performance based on device telemetry data, and more. The MEFERI MDM system ensures the security, efficiency, and optimal utilization of your mobile resources, empowering your organization to achieve its goals effectively.

MEFERI OmniSoftware Suite: Unlock the Full Potential of Your ME61

GuardForce Android: Uncompromised Security and Regular Updates

With the MEFERI OMNI SOFTWARE SUITE, the ME61 Mobile Computer offers unparalleled security and reliability through GuardForce Android. GuardForce Android is designed to protect your device and data against evolving threats, providing regular updates with the latest security patches from Google. You can rest assured that your ME61 is equipped with the most advanced security measures, keeping your sensitive information safe and minimizing the risk of unauthorized access. The regular updates ensure that your device stays protected against emerging security vulnerabilities, providing a secure environment for your critical business operations.

MEFERI OmniIndustry Apps Suite: Empowering Industry-Specific Operations

The MEFERI OmniIndustry Apps Suite is a comprehensive package of tailored applications designed to revolutionize operations across various industries. With its transformative capabilities, the OmniIndustry Apps Suite streamlines processes and addresses industry-specific challenges, driving efficiency, productivity, and innovation in your business. From retail management with MERetail to optimized field operations with MEFieldO, each app within the suite is developed on a framework that allows for customization to meet the unique requirements of different projects and industries.

Unrivaled Warranty and Support

Investing in the MEFERI ME61 not only equips you with superior technology but also assures you of industry-leading warranty coverage and round-the-clock customer support. Our proficient teams are always on standby, ensuring that every question is answered and every concern is addressed, guaranteeing a service experience like no other. Step into the future and transform your enterprise landscape with the ME61 Mobile Computer—your foremost ally in the evolving digital age.

Sustainability Meets Regulatory Excellence

The ME61 is more than just a technological marvel—it embodies responsible innovation. Adhering to the RoHS Directive 2011/65/EU and its 2015/863 amendment, the ME61 prioritizes environmentally-conscious choices, ensuring its electronic mechanisms are devoid of harmful substances. Its commitment to the EN IEC 63000:2018 standard signifies an unwavering dedication to both user safety and minimizing ecological impact. With the ME61, choose performance and durability, all while championing environmental responsibility.

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Physical Characteristics

Dimensions	167.0 x 78.5 x 14.2 mm
Weight	With battery: ~287.7g Without battery: ~187.7g
Display	6.0 in. IPS TFT , 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 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 provide consumes very less power, best color reproduction, and viewing angles, no limitations for aspect ratios, better contrast levels, best sunlight visibility, true black colors.
Power	High capacity extended battery 5000 mAh, With Hot Swap battery mode. Support QC 3.0 quick charge up to 4 hours till 100% (full charge).

Hot Swap Battery	Support hot swap battery mode. 10 min. additional work from the backup battery 50mAh after the main battery is fully discharged
Extend Memory	Micro SD x1, max support up to 256GB
SIM	Option1: nano SIM x2 Option2: nano SIM x1 + ESIM x1
Network Connections	WLAN (WiFi), WPAN (Bluetooth), WWAN (2G, 3G, 4G LTE), Pogo Pin, USB 2.0, High Speed (Host and Client)
Notifications	Ring tone; three-color LED x1 (Status:red/green; Scan:Blue); vibrate alert
Keypad	Full screen, On-screen keypad (Menu/Back/Home button)
Buttons	3 on-screen buttons (Menu/Back/Home button), Custom 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 2.0 with OTG + Pogo 6 pin

Performance Characteristics

Processor	Qualcomm Snapdragon SD680, octa-core, 2.4GHz
Operating System	Android 13 (GMS & AER)
Memory	Samsung: 4GB LPDDR4 + 64GB UFS
Security Feature	Supports Verified Boot

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User Environment

Operating Temp	-20°C to 60°C
Storage Temp	-30°C to 70°C
Humidity	5% to 95% non-condensing
Sealing	IP67 class protection from water, dust, dirt
Drop Test Report	5 ft./1.5 m. multiple drops to concrete over operating temp (certified test report)
Tumble Test Report	500hits, 3.3ft./1m tumbles
Vibration	10000 rpm Min
Thermal Shock	-35°C to 75°C
Electrostatic Discharge (ESD)	±15 kV air discharge; ±8 kV direct discharge

Sensors

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

Scanning	Zebra SE4710, Honeywell HS7, Newland CM60, Intelligent barcodes and image capture technology, lightning—fast data recognition and processing, optimized visualization provide ultra-fast scanning of printed and electronic 1D and 2D barcodes. PRZM technology in zebra scanners optic, best scanning.
Camera	Front: 8MP; Rear: 16MP; Rear camera supports PDAF and 1080p video shooting. support Torch mode and Flash mode.
3D Camera	3D Camera Intelligently measuring the size and volume of objects
NFC	ISO 14443 Type A and B; FeliCa and ISO 15693 cards; Card Emulation via Host; Reader mode, Card Emulation and P2P mode.

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

GPS	GPS, A-GPS, GLONASS, Galileo, Beidou
Cellular Standards	LTE, WCDMA, CDMA, GSM
Radio Frequency Band	GSM: B2/B3/B5/B8; WCDMA: B1/B2/B4/B5/B8; TDD-LTE: B34/B38/B39/B40/B41(120M); FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/ B17/B19/B20/B25/B26/B28AB/ B66

Environmental Compliance

Eco-Conscious Design Meets Regulatory Compliance. The ME40K 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 ME40K 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.

Standard Accessories

Power Supply Adapter 9V/2A 18W (plug: EU, CN, US, GB); Battery 5000 mAh; USB Type-C; Hand Strap; Safe Glass (extra protection); Hand Strap.

Optional Accessories

ME-MobilityDesk (Solution) Docking Station (HDMI+USBx2 +Ethernet); Single-slot Cradle (Charging + Data exchange with PC + Additional charging slot for extra battery); Rugged Rubber Protective Cover Case (Black).

Wireless LAN(WLAN), WiFi

Radio Frequency Band	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w,802.11r,OKC, PMKID caching,IPv4,IPv6
Data Rates	2.4GHz:802.11b/g/n-up to 286.8Mbps 5 GHz:802.11a/n/ac-up to 2402Mbps
Operating Channels	Channel 1-13 (2401-2483 MHz): 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; CH149~CH165 Channel Bandwidth: 20/40/80 MHz;
Security and Encryption	WEP,WPA/WPA2-PSK (TKIP and AES), EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAK-GTC, SIM,AKA, WAPI-PSK
Feature	Seamless roaming - The device supports WLAN (WiFi) with seamless roaming, enabling automatic switching of Wi-Fi signals between access points without communication interruptions or data loss.

Wireless PAN (WPAN)

Bluetooth	BT5.1+BR/EDR+BLE, Bluetooth profiles includes HFP, PBAP,A2DP, AVRCP, OPP, SPP, GATT
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Recommended Services

Meferi EasyPRO Service+

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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 60950-1 2ed+A11+A1+A12+A2:2013, IEC 60950-1 2ed + 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

Additional Features

ME-MobilityDesk Workspace	ME-MobilityDesk is a revolution in workspace flexibility. Leveraging MEFERI's ME61 mobile computer, it transforms your device into a comprehensive desktop workstation. Experience seamless multitasking, security from Google Mobile Services, and the convenience of a portable, plug-and-play office. Take your productivity to new heights with ME-MobilityDesk.
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For More Information About The ME-MobilityDesk WorkStation Visit:
<https://www.meferi.com/#/us-en/solutions/me-mobilitydesk>



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Meferi Software Suite

<p>OmniSoftware Suite</p>	A comprehensive set of industry-specific utilities and applications, designed to unlock maximum productivity and efficiency on all MEFERI devices. Customizable, scalable, powerful
<p>OmniIndustry Apps Suite</p>	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.
<p>Shadowwalk</p>	Reliable assistant for corporate mobile devices. Mobile Device Management (MDM) Solution offering remote device management, streamlined administration, advanced diagnostic tools, and insightful telemetry data analytics. Designed for businesses seeking efficient, centralized control. Ideal for large Enterprises.

Dive deeper into its potential on our website.
<https://www.meferi.com/#/us-en/products/meferi-software-suite>

Warranty

MEFERI's hardware warranty statement governs the warranty coverage of the ME61, protecting it against any defects in workmanship and materials for a duration from the date of shipment: ME61 twelve (12) months; For detailed information regarding the warranty terms and conditions, please refer to the complete warranty statement available at: <http://www.meferi.com/#/us-en/warranty>.

Partners Software Compatibility



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