



ME10 Wearable Computer

Tailored for Tomorrow's Industry Leaders. Elevating Operations: Rapid Connectivity, Precision Tasks, and Unrivaled Hands-Free Efficiency.

As businesses seek efficiency in real-time operations, the ME10 Wearable Mobile Computer and MS300R Bluetooth Scanner Ring offer a streamlined, hands-free solution. Featuring a high-performance Qualcomm processor and ample storage, the ME10 ensures fast application runs. Its rugged design suits challenging environments, while Wi-Fi 6/6E provides fast connections. Superior Bluetooth functionality and the scanner ring enhance range and performance. The built-in camera aids task verification, and programmable buttons offer personalization. With the comfortable "OneTouch Mount," the ME10 is more than a tool; it's an extension of the professional, leading in hands-free mobile computing.

FEATURES AND BENEFITS

MEFERI

Driven by innovation and customer value, we create products that boost efficiency and drive success, ensuring your business stays ahead. Refer ME10 Mobile Computer for more information:

<https://www.meferi.com/products/mobile-computers/wearable/me10>

MEFERI's OmniSoftware Suite

Enhance your ME10 with MEFERI's OmniSoftware Suite. GuardForce Android ensures top security with frequent updates and Google patches. The suite includes tools for customizing the scanner, modifying Android settings, and optimizing tasks. OmniSoftware combines protection and user-friendliness, ensuring your ME10 is secure and efficient.

Shadowwalk MDM Integration

The ME10 integrates with Shadowwalk MDM for comprehensive management and diagnostics of Android devices with GMS. MEFERI MDM provides OTA OS updates, app installations, device monitoring, remote assistance, policy enforcement, and usage statistics. It supports informed equipment decisions, staff performance assessment, and resource optimization. Launch MDM on-premise or in the cloud for security and organizational excellence.

Premium Qualcomm Processor Coupled with Samsung's Superior Memory Capabilities

The ME10's Qualcomm Processor, paired with Samsung's RAM and Flash Memory, delivers unmatched speed and efficiency. It handles demanding applications with ease, offering rapid response times and a seamless user experience. This combination ensures smooth operation for data-heavy tasks, boosting productivity. With the ME10, experience advanced processing designed for future industry leaders.

Android 13 with Advanced Security and Versatility: GMS, AER, and Enhanced Boot Verification

The ME10 runs on Android 13, supporting Google Mobile Services (GMS) and Android Enterprise Recommended (AER) standards, ensuring alignment with Google's stringent requirements. It features a business-focused app suite and Verified Boot for security against malware and unauthorized firmware. Regular updates provide the latest features and security patches. The ME10 offers a robust, adaptable, and secure OS tailored for business.

High-Resolution Display with Robust Protection & Advanced Sensing

The ME10 features a crystal-clear display tailored for industrial use, responsive to wet hands or gloves. Corning Gorilla Glass III protects against scratches and impacts, while intelligent backlighting ensures visibility in any lighting. An acceleration sensor enables dynamic viewing, auto-rotating or locking the screen as needed. The ME10's display is a dependable partner, enhancing productivity.

Redefining Hands-Free Operations with the MS300R Ring Scanner

The ME10 and MS300R Bluetooth Scanner Ring enhance business workflows with hands-free, rapid,

and accurate scanning. Ideal for tasks like picking, staging, inventory management, and receiving, this ergonomic pairing boosts efficiency and accuracy. It sets a new standard in operational excellence, especially in warehousing, retail, and logistics, significantly increasing productivity.

Seamless NFC One Touch Pairing with MS300R

Experience seamless connectivity with the NFC One Touch Easy Pair feature. Connecting the MS300R Ring Scanner to the ME10 is a swift, single-step process — just tap and go. This eliminates Bluetooth pairing issues and saves operational time, keeping your workforce focused on essential tasks. Enhance efficiency and elevate your operational flow.

Advanced Scanning with MS300R's Modules: Precision Across Distances

The ME10 and MS300R Bluetooth Ring Scanner offer a new level of barcode and image capture. Choose from seven advanced scanning modules, including PRZM technology in Zebra SE4107, SE4750MR, SE4750SR, and SE55, which can scan up to 15 meters away. These modules, with Intelligent Capture, handle damaged or dirty barcodes, ensuring top-tier performance for 1D and 2D barcodes, regardless of distance or condition.

Wi-Fi 6/6E Excellence: Superior Speed, Seamless Roaming, and Unmatched Stability

The ME10's Wi-Fi 6/6E capabilities offer faster, more robust connectivity for modern business needs. With increased data rates, maximized bandwidth, and reduced latency, real-time communication and data transfers are seamless. The ME10's Seamless Roaming ensures consistent connections across vast warehouses or multiple floors, preventing dropped connections and data delays. Trust the ME10 for reliable, efficient connectivity.



SALES/REFERENCE MATERIALS

Partner Portal:
www.portal.meferi.com

Product Home:
www.meferi.com/me10

Technical Support:
www.support.meferi.com

MEFERI Solution:
www.meferi.com/solutions

MEFERI Software Suite:
www.meferi.com/products/meferi-software-suite

Accessories:
www.meferi.com/products/accessories

ME10 and MS300R: Consistent Power with Hot-Swap and Extended Options

The ME10's 3400 mAh battery offers up to 12 hours of uptime with hot-swap functionality and a 10-minute backup for seamless replacements. Its ergonomic design allows easy battery changes without removing the wrist mount. The MS300R scanner ring provides 18-hour uptime or 72 hours with the 1250mAh option. Recharge ME10 with 4-slot or 8-slot stations, and MS300R with 4-slot, 10-slot, or 20-slot docks. Ensure uninterrupted power in demanding environments.

Robust Pogo 4-Pin for Cradle: Durable and Efficient

The Pogo 4-pin connector for ME10 provides seamless charging and fast data exchanges with PCs. Its durable design resists wear, ensuring long-lasting performance. Charging starts instantly in the docking station, keeping the device ready for use. This connector's durability lowers maintenance costs and reduces device downtime.

Optimized Control with Functional Programmable Buttons

The ME10 features a responsive touchscreen and a unique physical button layout for enhanced efficiency. With six programmable buttons, users can customize the device for specific tasks, optimizing workflows. These buttons are software agnostic, allowing any action assignment, ensuring versatility. Additionally, three primary buttons—Menu, Back, and Home—along with a dedicated power button, provide streamlined navigation and easy device management. This layout offers adaptability to diverse operational needs, making the ME10 highly customizable to user requirements.

Seamless Bluetooth Connectivity: Next-Gen Interactions for Professionals

The ME10's Bluetooth 5.2, with Enhanced Attribute Protocol (EATT), supports concurrent transactions and reduces latency. LE Power Control enhances signal quality and conserves energy. Paired with the MS300R ring scanner, it enables ultra-quick data transfer, improving tasks like goods picking by up to 35%, highlighting the ME10's focus on operational efficiency.

Enhanced USB 2.0 with OTG: Seamless and Versatile Data Exchanges

Enhance your connectivity with the ME10's USB 2.0 OTG feature. It allows the ME10 to switch between host and device modes, enabling data reading from external media or functioning as a USB Mass Storage Device. With an OTG cable, connect printers, mobile computers, mice, keyboards, and more. This versatility adds flexibility in addressing business challenges and maximizes the ME10's potential. Stay ahead with dynamic, high-speed USB OTG capabilities.

Unrivalled Durability: Rigorous Testing for Ultimate Resilience

The ME10 is built for ruggedness, withstanding multiple 5 ft./1.5m drops onto concrete and 1,000 hits from 1.6ft./0.5 m tumbles. It endures intense vibrations at 10,000 rpm and extreme temperature shifts from -35°C to 75°C for 32 hours. The ME10 is also protected against electrostatic discharges, handling ±15kV in air and ±8 kV in direct discharge. With an IP65 rating, it's shielded from water, dust, and debris. Choose the ME10 for unmatched durability and performance.

Versatile Camera: Precision-Positioned for Business Tasks

The ME10's top-mounted camera is an operational tool, perfect for documenting inventory, capturing evidence, or verifying tasks in real-time. With PDAF and 1080p capabilities, it delivers high-definition clarity. Torch and Flash modes ensure clear shots in any lighting. Enhance your business processes with the ME10's photo-documentation, blending convenience with professional utility.

Elevate Workflows with Essential Accessories

Enhance your ME10 and MS300R ring scanner with specialized accessories. The ME10 offers a 3400 mAh battery, "OneTouch Mount," and multi-slot charging stations for continuous power and Hot Swap functionality. The MS300R provides battery options of 1000mAh or 1250mAh for extended operation. Scanning gloves improve ergonomic efficiency. In high-demand environments, these accessories boost productivity and maintain an uninterrupted workflow.



FEATURES

Feature	MEFERI ME10	Honeywell CW45	ZEBRA WT6300	Unitech WD200
Computing Platform				
OS	Android 13(GMS) Upgradeable to Android 18	Android 12 Upgradeable to Android 15	Upgradeable to Android 14	Android 10
Processor	Qualcomm QCM4490, Octa-core, 2.4GHz	Qualcomm QCS4290/QCM4290, octa- core, 2.0GHz	Qualcomm Snapdragon 660, octa-core, 2.2GHz	Qualcomm Snapdragon 660 Octa Core, 2.2GHz , 64bits
Memory	4 +64 GB	6 +64 GB	3 + 32 GB	3 + 32 GB
Physical Characteristics				
Dimensions	130.8 x 86.2 x 15.3 mm 5.15 x 3.39 x 0.6 in.	133 x 86 x 14 mm 5.24 x 3.39 x 0.55 in.	121x 89 x 20 mm 4.76 x 3.50 x 0.79 in.	96.7 x 60.7 x 14.43 mm 3.81x 2.39 x 0.57 in.
Weight	With battery: 288.5g / 10.18 oz. Without battery: 166.5g/ 5.87 oz.	263 g / 9.3 oz.	With battery: 256 g / 9 oz.	With battery: 110g / 3.88 oz.
Display	4 in. IPS, 800 x 480	4.7 in.	3.2 in.	3.1 in.
Protection	Display: Corning Gorilla Glass III, 1.1mm thickness, the screen sinks to prevent damage. Scanner Glass Protection: Protective frame shields the glass from impacts, falls, and careless use.	Gorilla Glass for increased resistance to impacts and drops	Corning Gorilla Glass for increased resistance to impacts and drops	Regular protection
Touch Panel	Multi-mode capacitive touch; wet hand operation and glove operation	Multi-mode capacitive touch; wet hand operation and glove operation	Capacitive touch panel; fingertip and glove support; conductive stylus support	Ultra sensitive capacitive touch screen, compatible with gloves and support wet resistance
SIM	Wi-Fi only device	Wi-Fi only device	Wi-Fi only device	Wi-Fi only device
Keypad	Enterprise physical keypad	On-screen keypad	On-screen keypad	On-screen keypad
Buttons	6 physical functional (programmable) buttons; 3 physical main buttons: Menu button, Back button, Home button; 1 Power button	3 physical functional (programmable) buttons	Volume up, volume down, enter; programmable	ON / OFF button, 1x User- defined function button, 3x touch buttons



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Feature	MEFERI ME10	Honeywell CW45	ZEBRA WT6300	Unitech WD200
Power				
Battery	3400 mAh 3.5 hours charging time to 100% (up to 12 hours working time without charge)	3500 mAh	Standard battery: 3350 mAh Extended battery: 5000 mAh	2050 mAh
Fast Charging	Yes	Yes	No	No
Hot Swap Battery	Yes	Yes	Yes	No
Data Capture				
Scanning	The MEFERI MS300R ring scanner is used to scan barcodes. It is connected to the ME10 wearable computer via Bluetooth. With a choice of 7 scanning modules, it can cater to various scanning requirements, including short and long-distance scanning of up to 15 meters. Zebra: SE4107, SE4750MR, SE4750SR, SE55; Newland: EM3596, N1	N6803FR	ring scanners: RS4000/RS5000/RS5100/R S6000	SE55
Camera	13MP Rear camera supports PDAF and 1080p video shooting; support Torch mode and Flash mode.	Front Camera: 8 MP Rear Camera: 13MP	No	Rear Camera: 13MP
Paired equipment	MS300R Ring Scanner	8675i wearable scanner	Zebra Ring Scanner	MS633
Wireless Connectivity				
WLAN	IEEE 802.11a/b/g/n/ac Wave1&2 (160MHz option)/d/e/h/i/k/r/v/ w/ax; Support Wi-Fi 6/6E, 2x2 MU-MIMO; Support 802.11r fast roaming	IEEE 802.11a/b/g/n/ac/ax and 2*2 MU-MIMO; Wi-Fi 6	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/w/v/mc; 2x2 MU-MIMO; IPv4, IPv6	IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v, IPv4, IPv6; Fast Roaming: PMKID caching, 802.11r, OKC 2x2 MU-MIMO, Dual-Band Simultaneous (DBS)
Locationing	Wi-Fi Positioning System	No	No	GPS/GLONASS/Gallileo/Beidou
BlueTooth	BT5.2+BR/EDR+BLE	BT5.1+ BLE	BT5.0 +BLE	Bluetooth®5
NFC	Yes One Touch Pairing with MS300R	Yes	Yes	Yes



FEATURES

Feature	MEFERI ME10	Honeywell CW45	ZEBRA WT6300	Unitech WD200
Environmental				
Sealing	IP65	IP65	IP65	IP67
Operating Temperature	-20°C to 60°C -4°F to 140°F	-20°C to +50°C -4°F to 122°F	-30° C to +50° C -22° F to 122° F	-20°C to +50°C -4°F to 122°F
Vibrate mode/haptic feedback	Yes	Yes	Yes	Yes
Voice and Audio	Silicon mic, 2*1W Speaker, supports 3.5mm headphones	PTT, VoIP ready, speaker, HAC-compliant. One microphone	speaker and mic; PTT3; wired and Bluetooth headset; 3rd party VDP client support	One 1W speaker with Smart PA , Dual noise-cancelling microphones

Strategy: ME10Advantages

<p>Use these mini fight-sheets for a quick at-a-glance view of the advantages of ME61 over the primary competitive devices.</p>	<ul style="list-style-type: none"> Advanced OS 13 and upgradeable to Android 18 ensuring long-term software support and security updates. High Performance: Qualcomm QCM4490, Octa-core 2.4GHz processor, providing robust performance for demanding applications. Best memory, 4+64GB memory supporting extensive multitasking and large data storage. More suitable size and more durable display, screen sinks design to prevent damage. Using Corning Gorilla Glass, and additional protective frame shields the glass from impacts, falls, and careless use. Much more physical functional (programmable) buttons. Extended battery life and fast charging, fully charges in 3.5 hours, and up to 12 hours working time. Support Hot Swappable Battery. Paired MS300R ring scanner is equipped with Zebra SE4107/SE4750MR/SE4750SR/SE55 and Newland EM3596/N1scan engines. Support Wi-Fi 6/6E. Better BT5.2+BR/EDR+BLE. 	<ul style="list-style-type: none"> Older OS version Android 12, only upgradeable to Android 15. Lower processor speed, slower than ME10's QCM4490, 2.4 GHz. Less physical functional (programmable) buttons. Smaller display. Inferior data capture capabilities, less scan engine options. Not support indoor positioning. Lower Bluetooth speed. Not support 802.11r fast roaming. Narrower operating temperature range. 	<ul style="list-style-type: none"> Older OS version, only upgradeable to Android 14. Lower processor speed, slower than ME10's QCM4490, 2.4 GHz. Less physical functional (programmable) buttons. Less memory. Smaller display. Inferior data capture capabilities, less scan engine options, no camera. Lower battery capacity and no fast charging. Not support indoor positioning. Lower Bluetooth speed. Not support Wi-Fi 6/6E. 	<ul style="list-style-type: none"> Older OS version Android 10, can't upgradeable to higher version. Lower processor speed, slower than ME10's QCM4490, 2.4 GHz. Less physical functional (programmable) buttons. Less memory. Smaller display. Inferior data capture capabilities, less scan engine options. Lower battery capacity and no fast charging. Not support Hot Swap Battery. Lower Bluetooth speed. Not support Wi-Fi 6/6E. Narrower operating temperature range. Less speaker.
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ACCESSORIES

MEFERI ME10	Honeywell CW45	ZEBRA WT6300	Unitech WD200
4-Slot Battery Charger	Yes	Yes	/
8-Slot Battery Charger	/	/	/
12-Slot Battery Charger	/	/	/
Screen Protector (Glass)	/	Yes	Yes
Power Adapter	Yes	Yes	Yes
Battery	Yes	Yes	Yes
USB Type-C Cable	Yes	Yes	Yes
Wrist Mount	Yes	Yes	Yes



ME10 Mobile Computer: Unrivaled Features that Surpass Competitors

Superior Processing Power	<p>Equipped with a robust Qualcomm processor and high-performance Samsung RAM and Flash Memory, the ME10 excels in speed, efficiency, and the ability to handle complex, data-intensive applications without lag.</p>	Rugged and Durable Design	<p>Built to withstand industrial use with resistance to drops, vibrations, extreme temperatures, and electrostatic discharges, ensuring durability and reliability in challenging environments.</p>
Advanced Operating System	<p>Features Android 13 with support for Google Mobile Services and Android Enterprise Recommended, ensuring a secure, update-rich, and robust platform for business applications.</p>	Superior Scanning Capabilities	<p>Paired with the MS300R Bluetooth Ring Scanner, it offers advanced barcode and image scanning technology, capable of reading even damaged or difficult-to-scan barcodes from up to 15 meters away.</p>
Enhanced Display Technology	<p>Sports a high-resolution, touch-sensitive screen protected by Corning Gorilla Glass III, optimized for visibility in all conditions with intelligent backlighting and an integrated acceleration sensor for dynamic viewing.</p>	Leading Connectivity Solutions	<p>Includes state-of-the-art Wi-Fi 6/6E technology for faster and more reliable internet access, along with NFC One Touch Easy Pair for hassle-free connectivity with other devices.</p>

Why Choose ME10 over Competitors?

Business-Centric Enhancements	<p>The device not only meets but exceeds Google's rigorous standards for enterprise, including security measures like Verified Boot to combat malware and unauthorized firmware issues.</p>
Operational Efficiency	<p>The integration with the MS300R Bluetooth Scanner Ring allows for hands-free scanning, which is critical in environments like warehousing, retail, and logistics, enhancing speed and accuracy of operations.</p>
Customizable User Interface	<p>Features programmable functional buttons that can be customized to streamline workflow and increase efficiency, along with a unique physical button layout for easy navigation.</p>
Power Management	<p>Offers a powerful 3400 mAh battery with hot-swap functionality and a 10-minute backup to prevent data loss during battery changes, essential for continuous operations.</p>
Peripheral Integration	<p>USB OTG capabilities enhance the device's versatility, allowing it to connect with a wide range of external devices and media, expanding its utility in various business scenarios.</p>
Comprehensive Mobile Device Management (MDM)	<p>With integration capabilities like ShadowWalk and SOTI, the ME10 offers robust MDM features, enabling remote diagnostics, updates, and device management. This keeps devices secure and up-to-date, easing the workload on IT departments and boosting overall device performance.</p>



Customer Benefits

Maximized Productivity	<p>The combination of powerful processing, seamless connectivity, and advanced scanning options ensures that tasks are completed more quickly and accurately, directly enhancing productivity.</p>
Continuous Operation	<p>The robust battery solutions and hot-swap capabilities ensure that devices can operate through long shifts without needing to shut down, crucial for high-demand environments.</p>
Adaptability in Usage	<p>The device's ability to withstand environmental challenges and adapt to user needs through customizable buttons and settings makes it a highly versatile tool in dynamic business settings.</p>
Cost-Effective Maintenance	<p>Durable construction reduces the need for frequent repairs or replacements, while the Pogo 4-pin connector offers reliable performance with minimal wear and tear, contributing to lower overall maintenance costs.</p>
Enhanced Data Security and Compliance	<p>Compliance with the latest Android security standards and regular updates protect sensitive business data and ensure the device meets enterprise security requirements.</p>
Seamless System Integration	<p>The ME10 integrates smoothly with existing systems, simplifying workflows and speeding up operations. This capability is especially beneficial in complex settings like manufacturing and logistics, where efficient process management is key.</p>
Advanced MDM Capabilities	<p>The robust mobile device management features allow administrators to remotely manage and optimize device performance, ensuring all devices are secure, up-to-date, and operating efficiently.</p>



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, and 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.



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: www.meferi.com/products/meferi-software-suite/omniIndustry-suite

Partners Software Compatibility



General Certifications

GMS Google Mobile Services (Certified) –EnterpriseAPI and actual updates available.



Recommended Services

MEFERI EasyPRO Service+

