MEFERI ME65: Defining the Future of Enterprise Connectivity — Experience Breakthrough Performance and Unsurpassed Integration for the Evolving Challenges of Tomorrow.

Presenting the MEFERI ME65, the epitome of advanced enterprise mobile computing for the modern age. The prowess of Qualcomm's superior octa-core technology seamlessly blends with the innovative features of Android 13, both fortified by Android Enterprise Recommended (AER) certifications – a hallmark of unparalleled security and dependability. Through AER, the ME65 upholds Google's most stringent enterprise standards, bestowing users with unmatched security, while Google Mobile Services (GMS) offers a curated array of indispensable apps and services for contemporary enterprise needs. A striking 6.0-inch Luxibright touchscreen stands at its vanguard, offering immersive interactions and clear visuals, reducing potential distractions. Advanced scanning modules like Zebra SE4710 and Honeywell HS7 ensure precision-driven barcode readings. Its expansive memory is primed to manage vast data, ensuring you remain at technology's cutting edge. Uninterrupted connectivity becomes the norm, courtesy of advanced WLAN, 5G WWAN capabilities, and unparalleled roaming features. Intertwined with the Shadow-alk ecosystem, ME65's MDM functionalities offer unrivaled device management. Transforming your workspace, the revolutionary ME-MobilityDesk solution flawlessly assimilates the ME65, redefining the convergence of desktop and mobile. And for tasks demanding utmost precision, its state-of-the-art Depth (TOF) Camera captures every nuance to perfection. The ME65 — Beyond a device, it's the future of enterprise mobility.

5G Wireless WAN (WWAN) — The Future of Connectivity

Delve into the realms of next-gen connectivity with the ME65's 5G capabilities. Facilitating unparalleled data speeds and ultra-reliable low latency, the device boasts a comprehensive suite of GPS technologies including GPS, A-GPS, GLONASS, Galileo, and Beidou. Furthermore, it supports an extensive array of cellular standards from GSM to 5G, ensuring your workforce is always connected, irrespective of your global locale. And with its exhaustive radio frequency bands and 5G NR specifics, you're guaranteed a device that's future-ready and globally versatile.

Advanced WLAN with WiFi 6 — Reinventing Wireless Connections

Harness the power of the latest in wireless technology with the ME65's WiFi 6 capabilities. It supports an expansive range of radio frequency bands, offering faster, more stable, and optimized connectivity. Whether you're connected to 2.4GHz, 5GHz, or the new 6GHz bands, expect rapid data rates that redefine seamless wireless interactions. Moreover, security is a given with the device's comprehensive encryption and security protocols. With its Seamless Roaming WiFi 6 feature, the transition between Wi-Fi access points is even more breeze, ensuring uninterrupted communications and data integrity.

Discover the transformative power of the ME65 MOBILE COMPUTER. Dive deeper into it's cutting-edge features and benefits at **www.meferi.com**.

Revolutionary Processing Strength

Central to the ME65 is Qualcomm's elite Qualcomm QCM6490, octa-core, 2.7GHz processor. With Qualcomm's avant-garde technology at its core, the ME65 sets a new benchmark in processing might and efficiency. Experience lightning-quick computations, fluid multitasking, and uninterrupted operations, even with the most demanding applications. With the ME65, you're equipped to navigate any challenge effortlessly.

State-of-the-Art Android 13 with AER, GMS, and Continuous Security Updates

The ME65 is armed with Android 13, the most recent iteration of the globally dominant mobile OS. Being an Android Enterprise Recommended (AER) device, the ME65 satisfies Google's rigorous standards of safety, dependability, and efficacy. It promises smooth integration with your modern enterprise infrastructure and grants access to Google Mobile Services (GMS), encompassing a portfolio of essential enterprise tools and APIs. With consistent security patches and Google updates for a minimum of five years, the ME65 ensures your device stays fortified and contemporarily updated.

Unparalleled Viewing with a Superior 6-Inch Display

Experience cutting-edge efficiency with the ME65's expansive 6.0-inch capacitive multi-touch screen, crafted for professionals in retail, logistics, field operations, and a myriad of other industries. The IPS TFT panel boasts a sharp resolution of 1080 x 2160 pixels, ensuring vibrant visuals and exceptional clarity, perfect for handling intricate applications where detail is paramount. Coupled with our proprietary Luxibright technology, users can easily adjust the screen brightness to match their surroundings - from glaring sunlight to dim indoor settings. Enhanced sensitivity guarantees responsive touch interactions, even with damp hands or while wearing gloves. This display doesn't just let you see your data; it elevates every task, making it an indispensable tool for modern-day professionals.

Next-Generation Barcode Scanning Mastery

Redefining data capture standards, the ME65 is fortified with an arsenal of top-tier scanning modules. Whether you opt for the Zebra SE4710, Honeywell HS7, or Newland CM60, you're assured unparalleled scanning prowess for both two-dimensional and linear barcodes. Witness instantaneous data decoding, intelligently recognize even the most worn or smudged barcodes, and seamlessly capture codes from digital screens. Thanks to the groundbreaking Zebra PRMZ technology combined with advanced optics, you gain access to broader area coverage and diverse scanning angles, ensuring data capture is both precise and swift. Harness the full potential of these robust scanning features with the integrated OmniSoftware Suite, offering an exhaustive range of data processing and output functionalities.

Revolutionary Depth Sensing for Optimal Logistics

Empower your operations with the ME65's state-of-the-art Depth Camera, designed to meticulously gauge the size and volume of varied items. Ideal for sectors spanning from couriers to express delivery and logistics, this precision tool is crucial for accurately sizing boxes, parcels, and uniquely shaped objects. Beyond sheer accuracy, this technology accelerates measurements, minimizing errors, and amplifying productivity. The real magic unfolds when the workforce harnesses this data. With theME 65 in hand, users can instantaneously get and transfer dimensional data into applications, enabling on-the-spot calculations. Imagine a courier evaluating the vehicle's load capacity in real-time, right upon arrival — that's the efficiency the ME65 brings. Tailored for an array of industries, this device reshapes logistical dynamics and redefines precision in the field.

ME-MobilityDesk WorkStation: Elevate Enterprise Mobility

Step into the future with the ME-MobilityDesk WorkStation — where enterprise mobility meets unparalleled versatility. Connecting the ME65 to our advanced docking station and to any HDMI LCD monitor swiftly transforms any space into a high-performance workstation without using a standard PC.
In a blink, you're granted full-spectrum desktop functionalities: robust web browsing, seamless application transitions, and direct access to corporate software. Dive into expansive document management, from Microsoft Office to Oracle, or synchronize settings effortlessly with a single QR code scan. Aided by the innovative ME-ScreenLink software, fluidly switch between mobile and desktop interfaces. With the ME65 at its heart, ensure continuous adaptability, from a plethora of peripheral connections like POS, keyboards, and customer displays, to optimized Android app displays on large LCD monitors.
Craft your workspace with precision. Experience ME-MobilityDesk — your enterprise, redefined.
For a deep dive:
https://www.meferi.com/#/us-en/solutions/me-mobilitydesk

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Cameras: Precision Visual Data at Your Fingertips

The ME65 marries state-of-the-art camera technology with the demands of rigorous enterprise settings. Boasting a 16MP rear camera fortified with phase detection autofocus (PDAF) and 1080p video capability, it's designed to capture sharp, high-definition images and videos. Whether you're documenting inventory, photographing goods, or recording on-site tasks, the clarity is exceptional. Low-light conditions? No problem. Torch and flash modes ensure optimum visibility in dim environments. Beyond just imaging, its video capabilities enable effortless communication, fostering enriched collaboration with teams. In the field or on the shop floor, the ME65's camera is your essential tool for versatile visual data collection.

Memory: Tailored Capacity for Uncompromised Productivity

Harness the power of the ME65's customizable memory configurations to meet your industry-specific needs. Beginning with a solid foundation of 4GB LPDDR4 RAM and 64GB UFS storage, the device effortlessly handles extensive data workloads. Should your operations demand even more, easily scale up to options boasting 6GB RAM, with choices of 64GB or 128GB storage. This adaptability ensures seamless data processing, uploading, and transfer capabilities. With the ME65, every task is fluid, every file is accessible, and your productivity knows no bounds.

Power: Uninterrupted Performance, Anytime, Anywhere

Experience true efficiency with the ME65's distinctive battery design. Its robust and high-capacity 5000mAh battery not only ensures prolonged work sessions but, combined with Quick Charge 3.0, restores full power in just 4 hours. An innovative advantage of the ME65 is its monolithic battery cover design; the battery and its cover are unified, simplifying swaps while preventing cover misplacement. Complemented by its Hot Swap feature, users can seamlessly switch batteries without system reboots, guaranteeing uninterrupted operations and zero data loss. With the ME65, consistent productivity is a given, and power concerns become obsolete.

Rugged Resilience for Demanding Environments

Engineered for endurance, the ME65 thrives in both indoor and outdoor challenges. Its resilient build has withstood multiple 5 ft./1.5 m drops to concrete across varied temperatures. Thanks to its IP67 rating, this device stands strong against water, dust, and grime. Complementing its robustness is the Corning Gorilla Glass III, which shields the screen from scratches and impacts, ensuring the ME65 remains in prime condition. These protective measures not only promise longevity but also diminish maintenance expenses, optimizing the total cost of ownership.

Superior Device Management with Shadowalk MDM

The ME65 seamlessly integrates with Shadowalk MDM, tailored for comprehensive management and diagnostics of Android devices equipped with GMS (Google Mobile Services). The MEFERI MDM offers holistic device oversight— from OTA OS updates to app installations directly from Google Play. Enjoy the flexibility of monitoring client devices, providing remote support, enforcing policies, and accessing usage analytics. Make informed decisions about equipment acquisitions and repairs, evaluate staff performance via device telemetry, and ensure resource optimization. With the option to deploy MDM locally or in your choice of cloud, ME65 and Shadowalk assure security and organizational efficacy.

MEFERI OmniSoftware: ME65's Complete Toolkit with Guard Force

Elevate your ME65's defenses and functionalities with MEFERI's OmniSoftware Suite. This suite is not just about security; it's a comprehensive toolbox. While GuardForce Android ensures unmatched security, shielding against evolving threats with regular updates and the latest Google security patches, the suite also packs an array of utilities and applications. From configuring the scanner to tailoring Android settings and streamlining device operations, OmniSoftware makes processes efficient, precise, and productive. Enjoy both robust defense and enhanced usability, ensuring your ME65 is optimized for performance and security.

MEFERI OmniIndustry Suite: Tailored Tools for Diverse Industries

Introducing MEFERI's OmniIndustry Apps Suite: a curated set of applications crafted to reshape industry functions. By seamlessly adapting to distinct challenges, OmniIndustry propels efficiency, innovation, and output in your venture. Whether it's the finesse of RetailPRO for retail or the precision of Delivery Assistant for field tasks, this suite, built on a versatile framework, ensures each application can be molded to resonate with the distinct needs of varied sectors.

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MEFERI

Unparalleled Warranty and Commitment

The MEFERI ME65 goes beyond advanced tech—it's a promise of unmatched warranty and dedicated customer care. Always ready, our seasoned teams address your queries and concerns, offering unparalleled service responsiveness. With the ME65 Mobile Computer, navigate the digital terrain confidently, backed by industry-best support.

Eco-Conscious Innovation with Regulatory Adherence

The ME65 isn't just about cutting-edge tech—it's a testament to responsible progress. Complying with RoHS Directive 2011/65/EU and its 2015/863 amendment, the ME65 upholds green initiatives, using electronics free from hazardous elements. Aligned with the EN IEC 63000:2018 standard, it underscores safety and environmental stewardship. Opt for ME65 and merge top-tier performance with conscious eco-choices.

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Physical Characteristics

Dimensions	169.0 x 78.5 x 14.2 mm
Weight	With battery: ~288.8g Without battery: ~188.78g
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).
Extend Memory	Micro SD x1, max support up to 256GB

Hot Swap Battery	Support hot swap battery mode. 10 min. additional work from the backup battery 50mAh after the main battery is fully discharged
SIM	nano SIM x1 + ESIM x1
Network Connections	WLAN (WiFi), WPAN (Bluetooth), WWAN (2G, 3G, 4G, 5G LTE), 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, 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 3.0 with OTG + 6 Pogo pin

Performance Characteristics

Processor	Qualcomm QCM6490, octa-core, 2.7GHz
Operating System	Android 13
Memory	Samsung: 4GB LPDDR4 + 64GB UFS
Security Feature	Supports Verified Boot

User Environment

Operating Temp	-20°C to 60°C

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Storage Temp	-40°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	1000hits, 1.6ft./0.5m tumbles
Vibration	10000 rpm Min
Thermal Shock	-35°C to 75°C
Electrostatic Discharge (ESD)	±15 kV air discharge; ±8 kV direct discharge

Data Capture

Scanning	Zebra SE4710, Honeywell HS7, 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.
Depth Camera	Depth Camera (TOF) 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.

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 with MEMS gyroscope
Gyro	Senses linear orientation
HALL	Support hot swap

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/B8; **TDD-LTE:** B34/B38/B39/B40/B41/B42/B43; **FDD-LTE:** B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B19/B20/B25/B26/B28AB/B66 **5G NR:** n1/n2/n3/n5/n8/n20/n26/n28/n38/n40/ n66 1T2R; n7/n41/n77/n78/1T4R; HPUE required for n41/n78 **5G SA SRS:** 1T4R n41/n77/n78 **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)

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Radio Frequency Band	-n78A, n1A (n3A/ n8A/n28A) -n79A **LTE CA:** Interband:1A-3A, Intraband: 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), WiFi 6

Radio Frequency Band	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/ax, 802.11r, OKC, PMKID caching, IPv4, 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** (2401-2483 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; **Channel 1-233** (5925-7125 MHz); Channel Bandwidth: 20/40/80/160 MHz; Actual operating channels / frequencies and bandwidths depend on regulatory rules and certification agency.
Security and Encryption	WEP,WPA/WPA2-PSK (TKIP and AES), EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAK-GTC, SIM, AKA, WAPI-PSK
WiFi 6 Feature	Seamless roaming WiFi 6 - The device supports WLAN (WiFi 6) with seamless roaming, enabling automatic switching of Wi-Fi signals between access points without communication interruptions or data loss. More faster, more stable, more optimized.

Wireless PAN (WPAN)

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

Standard Accessories

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

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); Safe Glass (extra protection).

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 · **G**oogle **MS** Google Mobile Services · CE · FC

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.

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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

Meferi Software Suite

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.
OmniIndustry Apps Suite	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.
Shadowalk	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 ME65, protecting it against any defects in workmanship and materials for a duration from the date of shipment: ME65 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**.

Recommended Services

Meferi EasyPRO Service+

Additional Features

ME-MobilityDesk Workspace	ME-MobilityDesk is a revolution in workspace flexibility. Leveraging MEFERI's ME65 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.

For More Information About The ME-MobilityDesk WorkStation Visit:
https://www.meferi.com/#/us-en/solutions/me-mobilitydesk

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Partners Software Compatibility

SOTI

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