

Terminal ME74-Q313BS70DNC2CH

Meferi ME74 Ultra-Rugged Mobile Touch Computer

Android 13, upgradable to Android18
Qualcomm SnapdragonQCM4490 2.4GHz, 8-core
4GB RAM-64GB ROM
4.3" Touch screen
Function Numeric keypad 39Keys-alpha inmiddle
Wireless LAN WiFi-6E 2x2 Dual-BandSimultaneous (DBS)3,2x2MIMO,IEEE 802.11b/g/n/ac/ax/Bluetooth
acceleration +Compass
8MP Front Camera, 13MP Rear Camera
Low temp.5200Mah Removable Battery/hot swap battery/NFC/IP67/WiFi Only
Screen&scanner window glass heating/GMS/AER/SOTI



Detailed

Physical Characteristics	
Dimensions	220.2 x 81.4 x 29.6 mm
	8.67 x 3.2 x 1.17 in
Display	4.3 in IPS, 480 x 800
Display Protection	Corning Gorilla Glass III, 1.1 mm 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 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	<p>Freezer-rated battery with high-capacity 5200 mAh.</p> <p>Charges to 100% in up to 4 hours. EnergyBooster+ technology allows work up to 20 hours without charging (the test was performed at the interval of pressing the scan button every 3 seconds. and the screen is turned on and connected to a wireless network with constant ping.).</p> <ul style="list-style-type: none">● Optional extended battery 6000mAh. Charges to 100% in up to 5.5 hours.● Optional backup battery (supercapacitor 10F) All batteries support QC 3.0 quick charging.
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 (10F CAP), facilitated by an IC chip 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.
Special Cold-Chain Features	<p>Heated Scanner Exit Window: Ensures clear scanning in low temperatures with robust condensation protection.</p> <p>Freezer-Rated Battery: A specialized 5200mAh battery, engineered for peak cold-chain performance.</p> <p>Intelligent Temperature Detection: A Advanced sensors for optimal regulation of device and LCD temperatures.</p> <p>Condensation-Free Operation: Heating elements integrated to safeguard against moisture, ensuring a clear screen and scanner visibility.</p> <p>Motherboard Protection Technology: Advanced defense against condensation during frequent temperature transitions, preserving motherboard integrity.</p>
Extend Memory	Micro SD x1, max support up to 512GB
SIM (5G) options	<p>Standard: nano SIM x1 + eSIM x1</p> <p>Option : nano SIM x1</p>
Network Connections	WLAN (Wi-Fi 6/6E), WPAN (Bluetooth), Pogo Pin, USB-C 2.0, High Speed (Host and Client)
Notifications	<p>Ring tone; three-color LED x1 (Charge: RGB; Scan: Red+Green); vibrate alert</p>
Keypad Feature	Removable keyboards in three variants to choose from. All three keyboard options are compatible with any ME74 configuration and you can always replace the keyboard

	<p>yourself or through service partners without replacing the device:</p> <ul style="list-style-type: none">● QWERTY 39 keys (group of numeric buttons in the middle of the keyboard)● QWERTY 39 keys (group of numeric buttons at the bottom of the keyboard)● NUMERIC 31 keys
Buttons	Custom Button, Scan button L/R, volume button(+/-), power button
Voice and Audio	Dual denoise mic, 2W Speaker
Interface Ports	USB-C 2.0 with OTG + 6 Pogo pin
Performance Characteristics	
Processor	Qualcomm QCM4490/QCS4490, Octa-core 2.4GHz (CPU model: QCM4490/QCS4490)
Operating System	Android 13 (GMS & AER) Upgradeable to Android 18
Memory	Standard: RAM 4GB / ROM 64GB; Optional: RAM 6GB / ROM 128GB
Security Feature	Supports Verified Boot
User Environment	
Operating Temp	-30°C to 60°C -22°F to 140°F
Storage Temp	-40°C to 70°C -40°F to 158°F
Humidity	5% to 95% non-condensing
Sealing	IP68 class protection from water, dust, dirt
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
Camera	Front: 8MP; Rear: 13MP; 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
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
Batareya	ME74-BATME74-03
Charger	ME74-SCRD01KIT-EU-01
Aksesuar Pistol Grip	ME74-TRGG-01

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