



MF52

Ultra Sleek, Ultimate Performance

At-a-glance – MF52



Qualcomm 6690
Octa-core
2.9 GHz



Android 15
(Upgradeable to 19)



12.7 mm thin, 269.5 g



Wi-Fi 7, 5G
Bluetooth 6, UWB
KR PS LTE B28



RFID, NFC,
R&F Camera
2D Scanner



PD 3.0 Fast-charging



Hot-swappable
4,670 / 7,000 mAh
Battery



1.8 m (6 ft.)*
Drop Resistant
IP68, MIL-STD-810H



Fingerprint Sensor

Specifications



Specifications (Standard vs. Extended)

12.7 mm (0.5 in)



Standard Battery
4,670 mAh
269.5 g (9.51 oz)

12.7 mm (0.5 in)



Extended Battery
7,000 mAh
308.5 g (10.88 oz)

79 mm (3.1 in)



168 mm
(6.6 in)



Highlights

Powerful Performance

- Qualcomm 2.9 GHz Octa-core Processor
- 8 GB RAM & 128 GB Flash (UFS)
- Android 15 (Upgradable to 19)

All-in-One Data Capture

- Embedded RFID, 2D Scanner
- NFC, 8 MP Front / 50 MP Rear Camera

Rugged yet Stylish Design

- 12.7 mm Slim, Lightweight 269 g
- 1.5 m (without Rugged Boot / 1.8 m (with Rugged boot) Drop Tested
- MIL-STD-810H Certified
- IP68 & IP65

Next-Gen Connectivity

- Wi-Fi 7, 5G, and Bluetooth 6.0
- Dual SIM (Nano + eSIM)
- KR PS LTE B28

Seamless Workflow

- 4,670 (STD.) / 7,000 (EXT.) mAh Hot-swappable Battery
- PD 3.0 Fast Charging (90% in 90 min)
- Fingerprint Sensor, Dedicated PTT / Emergency Buttons



Stay Ahead Of Change

Point Mobile's Long-Term
Android Support



Technology moves fast—too fast for most devices to keep up. Upgrades, new networks, shifting app standards. MF52 doesn't follow—it leads from one step ahead.

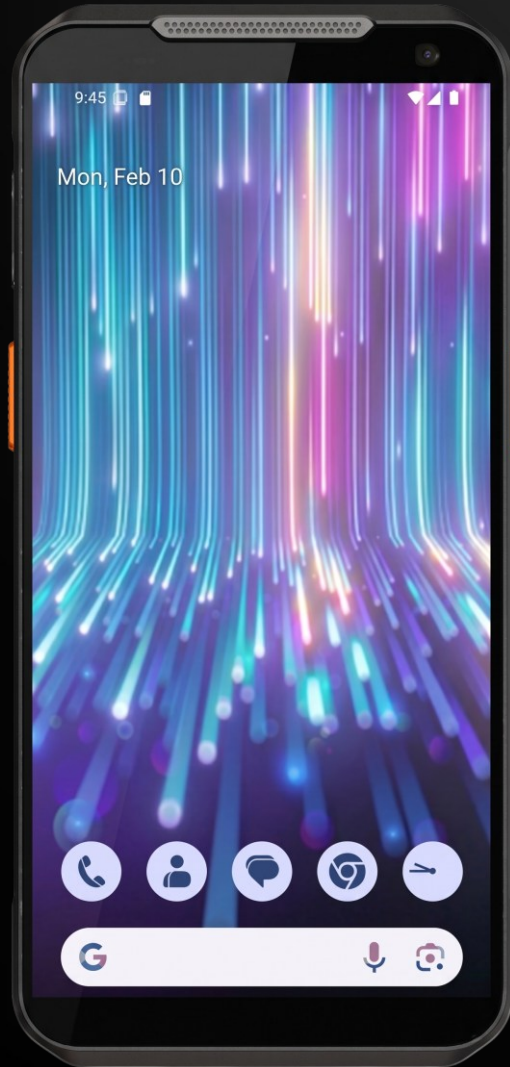
A foundation built for tomorrow requires a system that evolves long after deployment. Powered by Android 15 (upgradable to 19), MF52 stays compatible with future standards and applications—helping you reduce TCO and stay prepared for whatever comes next.

Performance at Its Finest

Driven by the powerful 2.9 GHz Qualcomm® QCM6690 AI chipset, MF52 sets a new standard for smart industrial environments. The chipset's 6 TOPS AI engine enables lightning-fast on-device processing—bypassing cloud latency for maximum speed and security. From real-time AI OCR to intelligent voice recognition, that engine handles the most demanding AI workloads with seamless, heavy-duty performance, empowering your workforce in the AI era.



Powers Your Workflow



WiFi 7

Wi-Fi 7 minimizes speed drops even when many devices are connected, keeping workflows stable in complex network environments. On top of that, it delivers consistent performance for bandwidth-heavy tasks like real-time monitoring and high-resolution data transfers.

5G

With advanced 5G technology, teams can stay connected at high speed even while moving across wide or outdoor work areas. This ensures rapid responsiveness in situations where quick decisions and continuous updates are essential.

Bluetooth 6

Bluetooth 6 enables smooth, reliable interaction among multiple peripherals and sensors operating at the same time. Reduced wireless interference allows device networks to remain steady and dependable, even in dense multi-device environments.

Powers Your Workflow with UWB

POINT Mobile

UWB is a short-range wireless technology that measures distance and position with centimeter-level precision, enabling accurate real-time spatial awareness.

UWB feature can locate nearby assets, help workers quickly find items in complex indoor environments, and support functions such as loss prevention and proximity-based security features. Its reliable performance in obstacle-rich or crowded spaces makes it well-suited for applications including asset tracking, indoor navigation, and proximity-based features.



UHF RFID Reader

MF52 supports short-range UHF RFID reading designed for fast and accurate item identification in retail and logistics environments.

It reads up to 50 tags per second within a 1-meter range, enabling fast inventory checks and reliable tag detection. Even in dense shelves or mixed-item bins, it maintains stable performance, helping workers quickly locate items, verify stock, and complete routine tracking tasks with less effort.





8 MP & 50 MP Front-Rear Camera

MF52 is equipped with a high-resolution 8 MP / 50 MP camera that captures clear, detailed images for documentation, asset verification, and on-site evidence. From barcode labels to product visuals, MF52 delivers the imaging clarity your operations rely on.



Optimized Scanning with Honeywell S0703

Intuitive Aiming: Cross Target & Framers

The high-visibility laser aimer with a cross target and framers provides an intuitive "point-and-shoot" experience. It ensures fast, precise scanning even in harsh environments, significantly reducing misreads and accelerating field workflow.

Extended Reach: Up to 573 mm (22.6 in.)

MF52 offers an exceptional reading range of up to 573 mm (22.6 in.) for UPC codes. It instantly captures damaged, low-contrast, or digital barcodes on the first try, maintaining a steady and uninterrupted workflow.

Ultra-Slim & Efficient: 7.3 mm MIPI Architecture

Modern MIPI architecture simplifies internal wiring, enabling a 7.3 mm (0.28 in.) ultra-slim engine that reduces device bulk and fatigue. This efficient design also ensures low power consumption, maximizing battery life for guaranteed full-shift productivity.



Built-in NFC

Built-in NFC enables quick authentication, access control, and device pairing. Ideal for retail and enterprise tasks that demand fast, contactless interaction with maximum reliability.



Fingerprint Sensor

The built-in fingerprint sensor enables quick and secure authentication, allowing users to unlock the device or access protected apps with a single touch. It reduces dependency on passwords and supports efficient, accountable use in shared or fast-paced work environments.



269g 12.7mm



/ Sleek, Lightweight, yet Powerful

At 12mm thin and 260g light, it's built to fit your hand and your pace—easy to carry through long shifts, effortless to use one-handed, and comfortable from the first scan to the last. Sleek for the counter, tough for the warehouse, and ready for every space in between—whether you're moving fast on the floor or working steady at the frontline.

Never Wait Never Stop

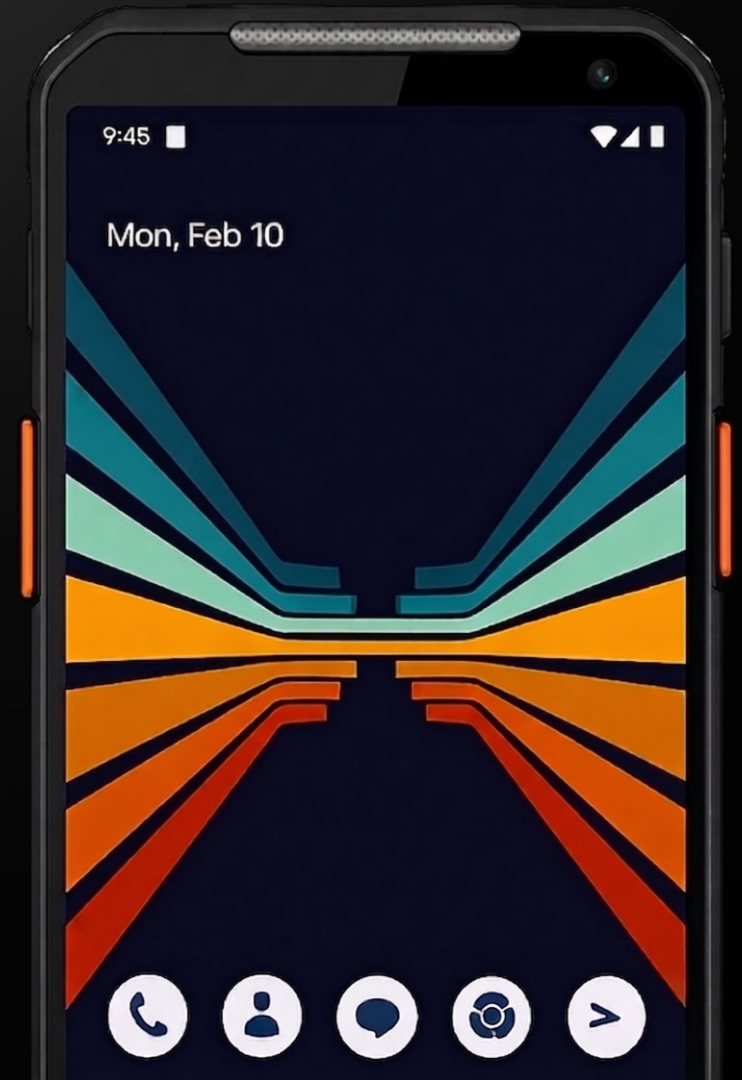


Hot-Swappable Battery

The 4,670 / 7,000 mAh hot-swappable battery keeps your work moving without interruption. Even when the battery is removed, the device stays powered for up to 30 seconds

PD 3.0 Fast Charging

With PD 3.0, 20 W fast charging, MF52 gets from 0% to 90% in just 90 minutes—keeping your device ready when your work can't slow down. Even during demanding shifts, rapid top-ups ensure minimal downtime and maximum productivity, so your workflow stays uninterrupted.





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