



MF52e

MF52 DNA, Perfect Balance for the Field

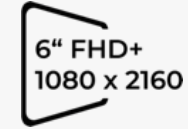
At-a-glance – MF52e



Qualcomm
Octa-core, 2.4 GHz



Android 15
(Upgradeable to 19)



1080 X 2160 FHD+
12mm Thin, 260g



Wi-Fi 6E, 5G
Bluetooth 5.2



Camera | 13MP(R), 8MP(F)
2D Scan | Straight, 60°



PD 3.0
Fast-charging



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

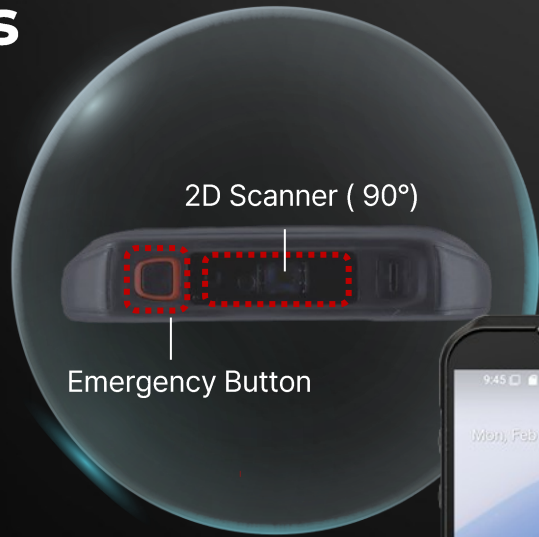


1.5 m (4.9 ft.) Drop Tested
IP68, MIL-STD-810H



In-Display NFC
Tag Type 1-5

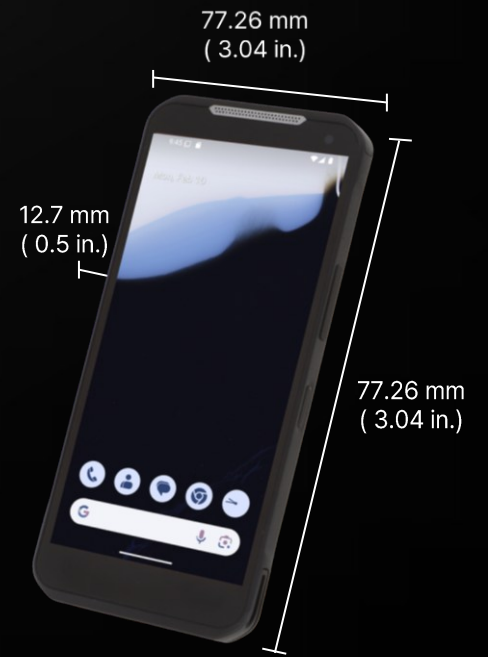
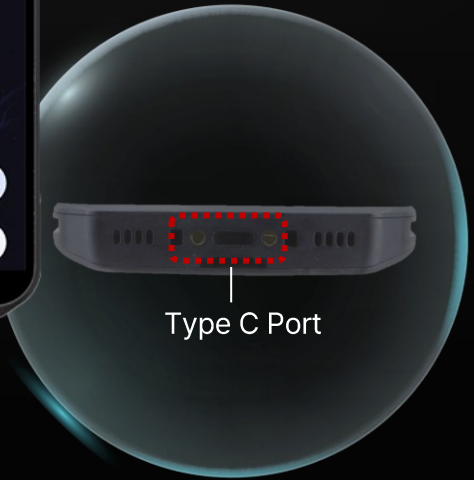
Specifications



8 MP Front / 13 MP Rear Camera

Programmable Button

Programmable Button



Highlights

Reliable Everyday Performance

- Qualcomm 2.4 GHz Octa-core Processor
- 6 GB or 8 GB RAM / 64 GB or 128 GB Storage
- Android 15 (Upgradable to 19)

Field-Ready Data Capture

- 2D Scanner (Stright / 60°)
- In-Display NFC
- 13 MP Rear / 8 MP Front Camera

Rugged yet Stylish Design

- 12 mm Slim, 260 g Lightweight
- 1.5 m Drop Tested, MIL-STD-810H Certified
- IP68

Stay Connected, Anywhere

- Wi-Fi 6E, 5G, and Bluetooth 5.2
- Dual SIM (Nano + eSIM)

Seamless Workflow

- 4,670 mAh (STD), 7,000 mAh (EXT) Hot-Swappable Battery
- PD 3.0 Fast Charging (90% in 90 min)
- Programmable Button, Dedicated PTT / Emergency Button



A close-up photograph of a hand holding a smartphone. The hand and phone are illuminated with a vibrant blue light, while the background is dark. A red light source is visible on the left, casting a soft glow on the hand and phone. The phone is held horizontally, and the hand is positioned as if about to interact with the screen.

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. MF52e 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), MF52e stays compatible with future standards and applications—helping you reduce TCO and stay prepared for whatever comes next.

Core Power for Every Challenge

MF52e, powered by the Qualcomm QCM4490 Octa-core 2.4 GHz processor, is engineered for the core demands of the frontline. It delivers consistent, responsive performance for essential workflows.

Optimized for extensive workplaces, MF52e is the smart, scalable choice to empower your entire team with reliability.

The Qualcomm logo is displayed in white text on a dark grey rectangular background. The background of the entire slide features a close-up, angled view of a green printed circuit board (PCB) with numerous gold-colored solder points and components, creating a sense of depth and technical precision.

QCM4490

Seamlessly Optimized, Powerfully Connected



WiFi 6E

Powered by the Qualcomm WCN6856, MF52e accesses the 6GHz spectrum to provide a dedicated, interference-free lane for essential business data. It ensures ultra-responsive performance, maintaining a steady workflow even in environments with extreme device density.

5G

Supports high-capacity Sub-6GHz networks to provide ultra-low latency and seamless real-time data synchronization. It empowers field teams with constant, high-speed connectivity, ensuring uninterrupted productivity and fast decision-making regardless of location.

Bluetooth 5.2

MF52e handles multiple peripherals with ease. Leveraging EATT technology, MF52e enables seamless multitasking with high-speed responsiveness, even when paired with several devices at once. Enhanced by LE Power Control, it ensures data integrity, connection stability and maximizing battery life.



8 MP & 13 MP Front-Rear Camera

MF52e features a 13 MP rear and 8 MP front camera, offering the practical performance required for daily field operations. The rear camera ensures reliable clarity for asset documentation and on-site evidence, while the front supports video communication and ID verification. Together, they deliver the essential imaging tools needed for consistent and accurate professional reporting.



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.)

MF52e 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.



Full-Spectrum NFC

Interaction Without Limits

Leveraging NFC Forum Tag Types 1 through 5, MF52e offers full-spectrum compatibility across the broadest range of standards. From legacy tags to high-security credentials, it ensures seamless authentication, access control, and instant device pairing. Built for maximum reliability, MF52e provides a versatile foundation for any contactless enterprise workflow.



260g
12mm



/ 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.

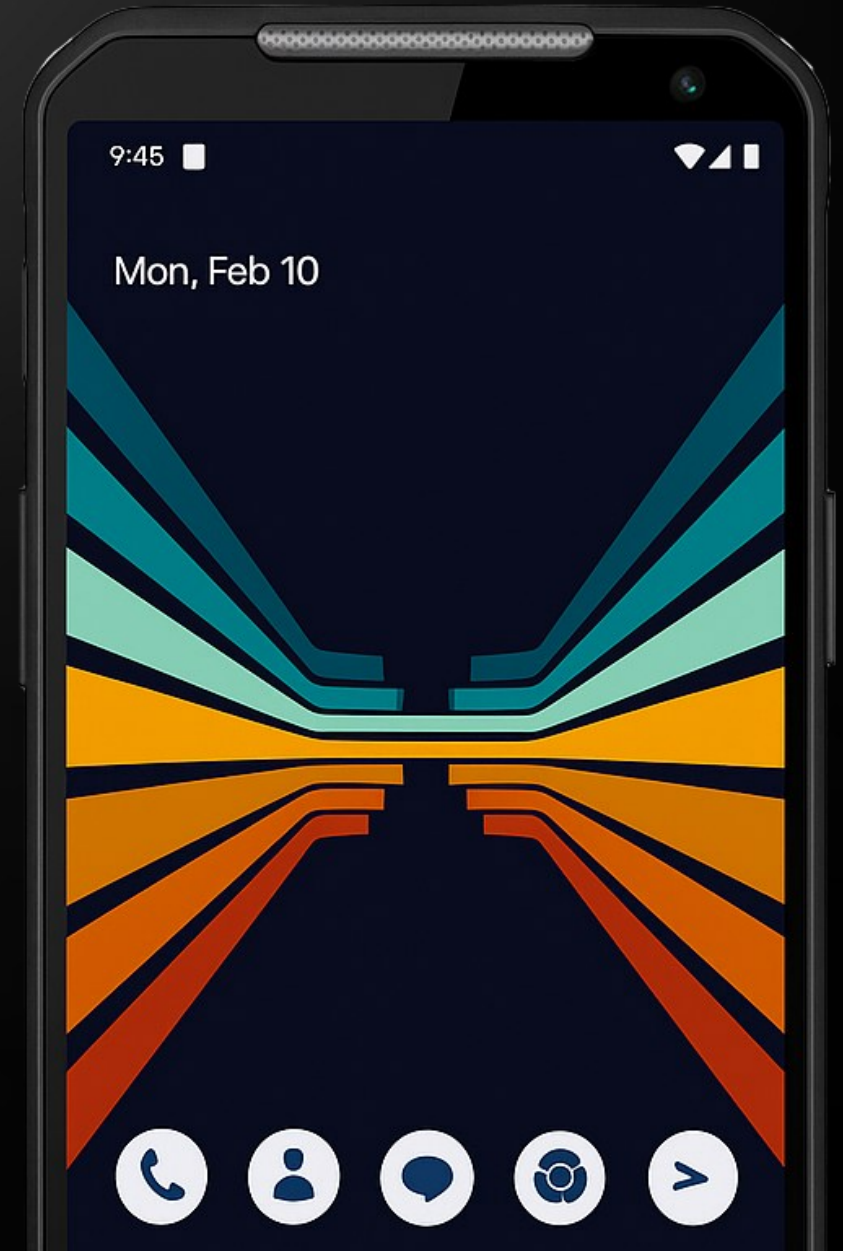


Hot-Swappable Battery

The 4,670 (STD) / 7,000 mAh (EXT) 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 fast charging, MF52e 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.



MF52 Versus MF52e

Feature	MF52	MF52e
Processor (AP)	Qualcomm QCM/QCS6690 (Up to 2.9 GHz)	Qualcomm QCM/QCS4490 (Up to 2.4 GHz)
Operating System	Android 15 (Upgradable to Android 19)	Android 15 (Upgradable to Android 19)
Memory (RAM)	8 GB / 12 GB (LPDDR5x)	6 GB / 8 GB (LPDDR5x)
Storage (Flash)	128 GB / 256 GB (UFS)	64 GB / 128 GB (eMMC)
Wi-Fi	Wi-Fi 7 (802.11 be)	Wi-Fi 6E (802.11 ax)
Bluetooth	6.0	5.2
NFC Tag Support	Types 2 to 5	Types 1 to 5
RFID (UHF)	Supported (50 tag/sec, 1 m coverage)	N/A
BLE Beacon / UWB	Supported	N/A
USB Interface	Type-C 3.1 Gen 1 (DP Support)	Type-C 3.0
Audio (Speaker)	Dual 1.5 W x 2 Speakers	Dual 1.5 W x 2 Speakers
Fingerprint Sensor	Supported (Right-Side)	N/A
Rear Camera	50 MP (Auto Focus, EIS)	13 MP (Auto Focus)
Front Camera	8 MP	8 MP
Display	6" FHD+ (1080 x 2160), 600nits	6" FHD+ (1080 x 2160), 600nits
Ruggedness	IP68 / MIL-STD-810H (1.5m Drop)	IP68 / MIL-STD-810H (1.5m Drop)



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