



EM45 Enterprise Mobile

Built for **Work.**
Designed for **You.**



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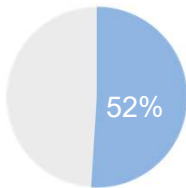
About Zebra



Our expertise in mobile enterprise hardware and software make Zebra the most trusted manufacturer in the world.

52%

Market Share



We are the global leader in enterprise Android with **51.8% market share** and 45 Android products built for the platform.

\$300M

Invested

We've invested more than \$300 million into our custom **Zebra DNA** for mobile computers software with over **20M Android devices sold**

OS

Frequent updates for greater security

We update and refine our products more frequently to **ensure stability and more secure** operational environments

More

Features

We include in our products' **critical functions** such as enterprise-grade security, device management, application management and data capture features.



We are the industry leader across
the most critical categories:

- #1 Handheld EDAs, Tablets, Wearables,
and Vehicle-Mounted Mobile Computers**
- #1 Data capture**
- #1 Barcode printing**
- #1 Mobile RFID**

#1

*Gartner Magic Quadrant for Indoor Location Services—Global



Desire for Enterprise handheld with Smartphone-like experience

Your frontline is connected.

What about managers and supervisors in your retail, warehouse, hospitality, logistics, and airline environments?

They prefer smartphone ergonomics, single user devices and only need occasional barcode scanning.

**No more juggling multiple devices or platforms.
Simplify your tech.**



Consumer smartphones



just don't cut it



Demand more with Zebra enterprise mobile devices.



Zebra Devices

vs Consumer Devices

Focus Area	Committed to Enterprise Built from ground up to address enterprise use cases	Focused on consumer features Focusing on consumer features only
Platform	Share common Android Zebra DNA platform DNA platform is built on knowledge and real-world applications of our enterprise customers	Different OS are hard and costly to manage OS focuses on consumer experience only
Sales Cycle	Committed and communicated Android++ versions Extended sales cycles	Unclear and uncommitted OS Short-lived sales cycle
Support	Extended after sale support Comprehensive care plans	Limited and short-lived service policies Limited care plans
Security	Security updates that enterprises control	Automatic updates on consumer devices
Ruggedness	Ruggedly built, conservatively tested exceeding standards	Easily breakable
Accessory Ecosystem	Compatible accessories ecosystem	Need to buy new accessories with each new product

Introducing EM45



 ZEBRA

Built for Work.

Designed for You.



Features

Sleek, ergonomic & personalized

Sleek and lightweight design for those that prefer the ergonomics of a smartphone.

Enterprise-grade durability

IP68 sealing and 4ft drop (5ft with case) exceeding MIL-STD 810H.

50MP High-performance camera

Richly detailed photos, 4k video quality, 8MP front camera and fast data capture. With auto face blur, dirty lens detection, and single or multi-barcode scanning.

Comprehensive connectivity options

Supports 5G, Wi-Fi 6E, BLE 5.3, and NFC.

AI-capable processor

8-core processor with 8GB RAM, 128GB storage.

All-day battery

Up to 25 hour battery for all-day productivity with smart charging.¹

Multiple profile capabilities

Dual SIM and corporate/personal profile separation for seamless user experience.

Enterprise-level security

Facial and fingerprint biometrics with Identity Guardian and authentication.

Renowned Zebra DNA software platform

Zebra DNA Enterprise software, IT management, and security tools for setup, deployment and management.

Extended lifecycle and support

3 years of sale and 3 more years of service. Comprehensive Zebra OneCare service plan.



1. Battery life is estimated based on average performance under typical usage conditions. Actual battery life may vary significantly and is dependent on individual usage and settings.

Enterprise meets consumer style

Get the sleek experience and delightful form factor that employees will love with the enterprise features that organizations require.

2 speakers for full stereo sound



Balanced weight

Slim form factor

Light Weight
(243g)

Up to 25-hour
battery

Quick charging



Strong Core

Powered by a cutting-edge processor, EM45 delivers fast, reliable performance with AI capabilities and comprehensive connectivity options.

5G, Wi-Fi 6E

Qualcomm™
5430 Octa core 2.2GHz Processor

Includes AI-dedicated unit (NPU)





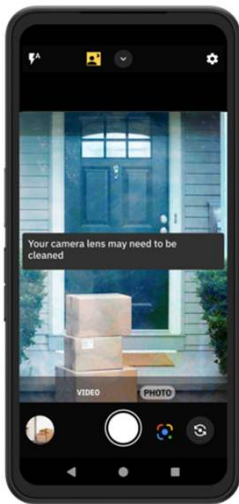


Enterprise-level durability

- IP68 Rating (water and dust tested)
- Exceeds MIL-STD 810H drop specs 4ft/5ft w boot
- High Operating temperatures
- Oleophobic coating to prevent smudges
- Responsive touchscreen even with gloves
- Failure rates of non-rugged/consumer devices are almost 3x that of rugged devices

High Performance Data Capture

Capture quality images and decode barcodes quickly with the high performance rear 50MP Camera.



Dirty Lens Detection

Alert users about dirt and smudges on the lens to prevent a bad capture.



Automatic People Blur

This privacy feature enables the automatic blurring of faces captured in pictures.



Multi-barcode Capture

DataWedge and the most comprehensive decoding framework empower EM45 to excel, right out of the box.



Single Barcode Capture

Unlock productivity

Instant workstation mode

Turn EM45 into a workstation on demand with **Workstation Connect** – simply dock into Connect Cradle to activate full desktop mode.



3 Programmable action buttons

Simplify access to routine commands with 3 programmable action buttons.

COPE Ready

Enterprise data is secure and personal content is private: unbox, sign into work profile with option to add and use a secondary, private profile.

Advanced built-in biometrics

On-device biometrics (fingerprint and facial recognition) and Zebra Identity Guardian extends this to enterprise level authentication with Single Sign-on (SSO) support.



Unrivaled Zebra DNA platform

Zebra's robust suite of enterprise tools make it easy for IT administrators to set up, manage, and deploy Zebra EM45 Enterprise Mobile, just like they do with all Zebra devices.



Enterprise License included



Zebra DNA for EM45

Featured Applications

StageNow

Simplify device setup and management. With **StageNow** via **Zebra DNA Cloud**, effortlessly stage and configure devices, streamline enrollment into EMM, and manage deployment from a single interface.

Identity Guardian

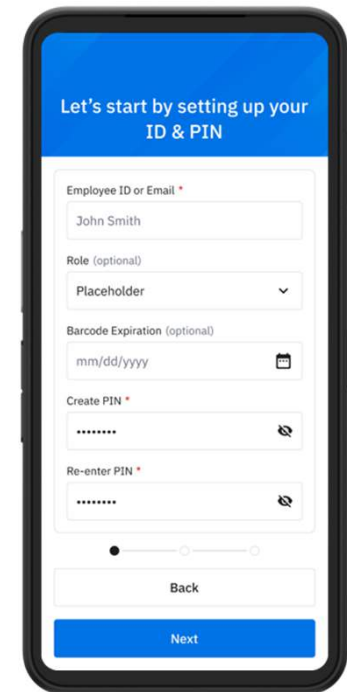
Simple, secure and personalized way to access shared devices with multifactor biometric facial login* that allows role-based personalization to create a unique device access experience for users based on their role¹.

Enterprise Home Screen

Enhance productivity and ensure consistent and secure usage by controlling the user interface and access to applications and settings on Zebra devices with **Enterprise Home Screen**

Device Guardian

Easily locate and recover lost or missing Zebra EM45's with dashboard productivity reporting to protect your investment².



Identity Guardian

*Identity Guardian facial recognition and 3rd party SSO features require the purchase of a license

¹ Free license is activated with a barcode. Biometric authentication requires a subscription.

² Paid license required.

Zebra DNA for EM45

Enterprise License Included

Set Up



DataWedge: Easily capture data and send to your host applications without programming



Enterprise Mobility Development Toolkit (EMDK): Develop power full customized enterprise applications with less time and effort



Enterprise Browser: Create cost-effective web-based applications optimized to work on Zebra Android devices



StageNow: Stage a handful or thousands of devices with the scan of a barcode or tap of an NFC tag



Zebra DNA Cloud: Intuitive unified interface to easily deploy, manage and support your Zebra DNA tools



Zebra Zero Touch: Helps automate the setup of devices into your third-party management system

Secure and Manage



Device Diagnostic Tool: Instantly test and diagnose hardware operability to determine system health



GMS Restricted Mode: Gain data control and enhance security by controlling Google Mobile Services



LifeGuard for Android: Protect devices from potential threats and access new features with regular updates and patches



Device Guardian: Easily locate and recover missing devices to protect your investment.



Mobility Extensions: A layer of enterprise features that are not available in off the shelf Android



Wireless Fusion: Enables seamless connectivity, and enhances the mobile operation and efficiency of Wi-Fi



Enterprise Home Screen: Control the user interface, including access to applications and settings



RxLogger: Capture system and application logs to identify problems and avoid sending no-failure found devices for repair



Identity Guardian: Simple, secure and personalized access to shared devices with multifactor biometric facial login



OEM Config: Day one support for all device features in Mobility Extensions (Mx) via your EMM



Wireless Insights: Real-time visibility of wireless network performance to troubleshoot and optimize connectivity

Optimize



TekTerm: Adapt your devices to your workflows by easily migrating Windows CE applications to Android



All Touch Terminal Emulation: Drive better productivity by converting legacy green screens to a modern, all touch UI



OCR Wedge: Boost productivity with optical character recognition that works on TIN, VIN, SSN licenses, plates and more



Wireless Analyzer: Comprehensive network diagnostics for rapid identification and resolution of connectivity issues



Device Central: Simplified pairing, unpairing, locating and troubleshooting with Bluetooth® accessories



NG SimulScan: Fast and accurate data capture from multiple barcodes. Capture text, signature, images and documents



Enterprise Keyboard: Customized keys and layouts for specific workflows



Accessories



45W PD Wall Adapter/USB-C cable
Fast Charging, USB-C port, heavy duty, shielded



Protective case/Screen Protector
Protects device and no-compromise experience



Workstation Connect Cradle
Transform EM45 from mobile to desktop



Multi-slot charging Cradle*
Heavy duty with pogo-pin integrated protective case



Headsets and audio accessories

USB-C & BT headsets for Voice, Push-to-Talk, Multimedia



Desktop charging Cradle*

Fast Charging**, with pogo-pin integrated protective case



Vehicle Charging*

Fast Charging**, heavy duty with pogo-pin integrated protective case



Mobile Printers

Give workers on-the-spot printing to maximize productivity and workflow efficiency



*Partner solution **With PD fast charging power source



EM45 Applications





Retail

Inventory Management

Retail employees can use EM45 to quickly scan and track products, making it easier to manage stock levels, restock inventory, unlock smart cabinets, and reduce shrinkage.

Customer experience

Retail employees can use EM45 to quickly locate the right size for a shopper, securing a sale and taking mobile payments on the spot.

Ideal Environments

- Apparel
- Specialty stores
- Front of store
- Back of store

Ideal Users

- Associates
- Store managers

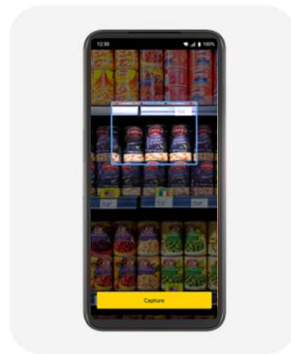


Retail



Wi-Fi 6E and 5G

Stay connected as associates move across the store or step outside, ready to assist a shopper, whether it's to look up an item or bring the right size.



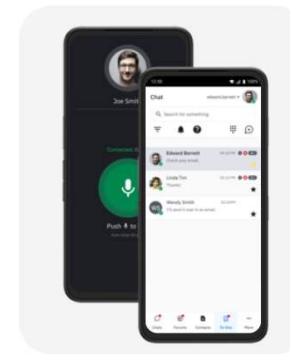
Advanced data capture

Use advanced camera processing to capture multiple barcodes or capture the entire shelf to help associate restock items.



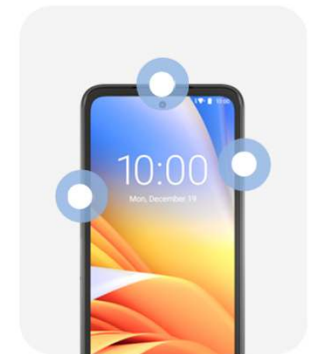
NFC Tap to Pay ready

Take payments* on the go with EMV. Store associates can assist customers and help them checkout using the same device.



PTT, Messaging and Voice

Collaborate through push-to-talk, messaging, and voice calls for staff and corporate communication.



3 Programmable Action Buttons

Set up action buttons to start barcode scanning, PTT, distress signal or inventory lookup.

*Requires a certified payment application. Not provided





Hospitality

Event management

- Scan customers in and out of sessions or restricted areas.
- Capture leads or network contacts by scanning attendee badges.
- Accept mobile payments on-device.

Customer experience

- Scan barcodes of high value items/luggage.

Ideal Environments

- Stadiums
- Concert venues
- Airports
- Trains
- Cruise ships
- In-flight

Ideal Users

- Event managers
- Guest Relations
- Service personnel
- F&B supervisors and staff

Hospitality



25hr battery

Never run out of battery before your event is over, EM45 will last throughout the day and have enough juice to get you home.



Wi-Fi 6E and 5G

Stay connected as associates move across the property, whether inside or outside, ready to assist a guest and ensure uninterrupted operations.



NFC: Tap to Pay & Access Control

From concession stand to ticket reservations, take payments* on the go with EM45. Use NFC to quickly move your guests through entrance.



Durability

EM45 is durable, tested at exceeding MIL-STD 810H for ruggedness and waterproof/dustproof at IP68, so your events' staff can go on uninterrupted even after a drop.



Workstation on demand

Be ready to switch between mobile screen and full desktop mode when you need with Workstation Connect. Simply dock EM45 and start full desktop mode.

*Requires a certified payment application. Not provided





Field Mobility

Route management

- Verify shipments at different points along the supply chain, ensuring accuracy and reducing fraud or loss.
- Route navigation and delivery workflow.

Proof of delivery

- Confirm the delivery of items in real-time.

Field Services

- Equipment Identification.
- Support maintenance and inspections with photo/video documentation.

Ideal Environments

- Postal services Delivery
- Field services
- Last mile delivery

Ideal Users

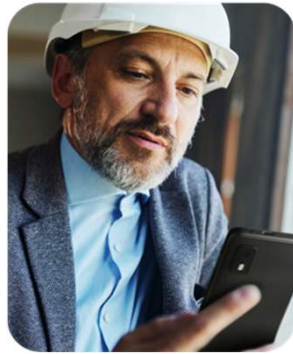
- Postal worker
- DSD Driver
- Field merchandiser
- Field sales
- Field technician/ engineer

Field Mobility



25hr battery

Extended battery life is crucial for field work. Have peace of mind if access to charging is limited – the battery in EM45 will last up to 25hrs. Get fast charging 0 to 50% in 30 min. USB-C charging.



Wi-Fi 6E and 5G

Stay connected and have continuous communication and data transfer wherever your field workers are.



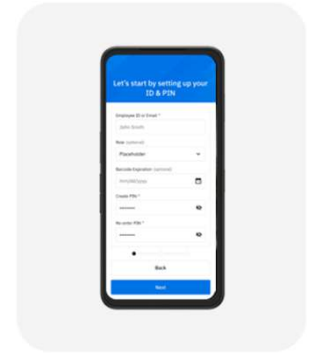
50MP Camera

Ready for documenting field conditions, capturing evidence, or reporting issues. Features optical image stabilization, dirty lens detection, good low-light performance, and auto face blur.



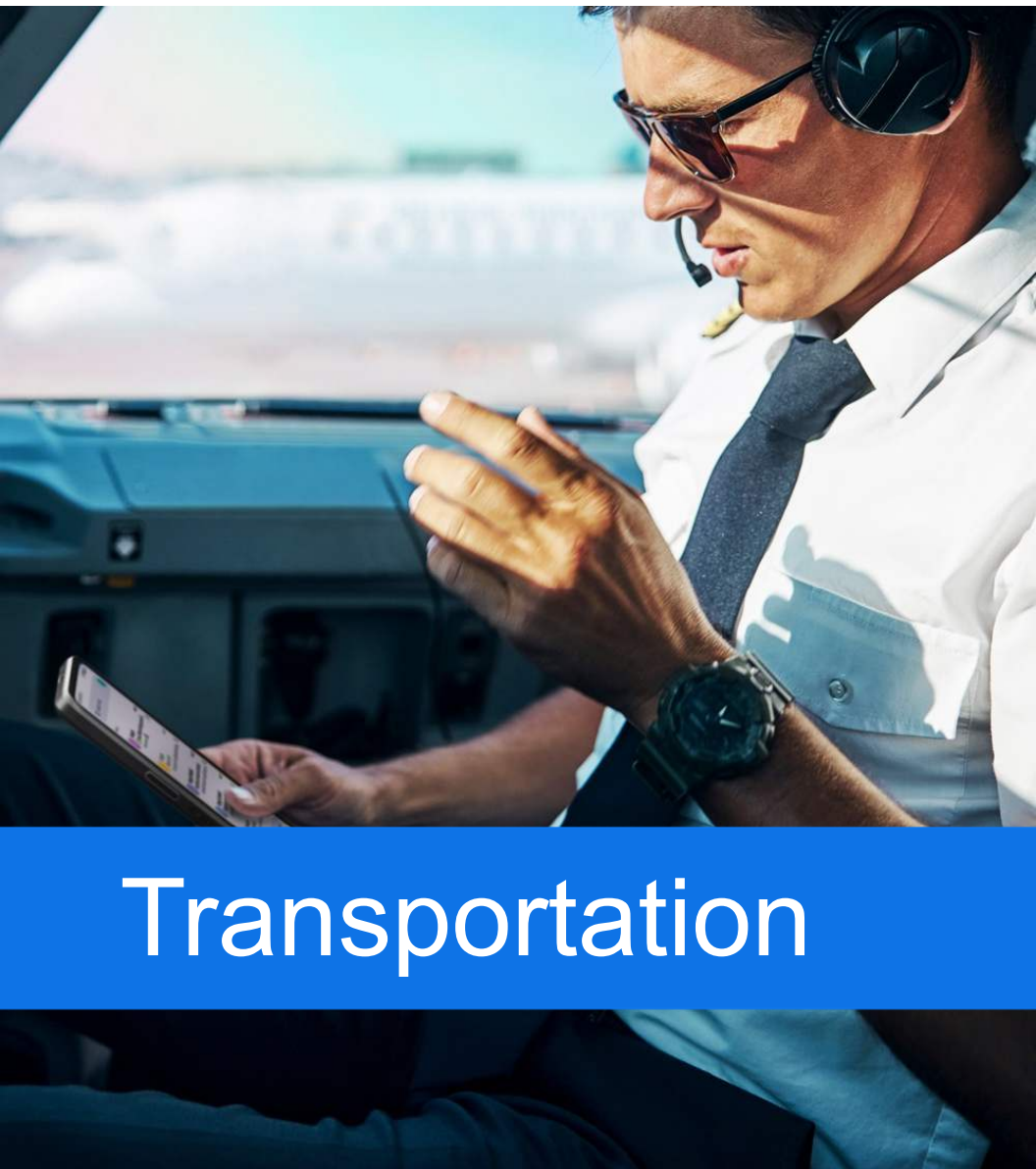
Durability

EM45 is business durable, tested and exceeding MIL-STD 810H for ruggedness and waterproof/dustproof at IP68, so your field workers can go on uninterrupted even after a drop or a spill.



Extra Security

Includes biometric authentication and Identity Guardian, protecting sensitive data collected in the field.



Transportation

At the gate/boarding

Passenger ticketing, check-in, boarding, gate-side bag check.

On board

- Passenger manifest check, food / inflight sales.
- Transition from check-in duties to gate-side support.

Ideal Environments

- Airline gate
- Airline cabin
- Airline lounges
- Trains
- Ships

Ideal Users

- Inflight staff
- On the ground “other” staff and supervisors
- Train conductors

Transportation



25hr battery

Have peace of mind during long shifts and journeys, even if access to charging is limited – the battery in EM45 will last up to 25hrs. Get fast charging 0 to 50% in 30 min. USB-C charging.



Wi-Fi 6E and 5G

Ensure seamless communication efficient operations with fast data transfer over 5G and Wi-Fi 6E.



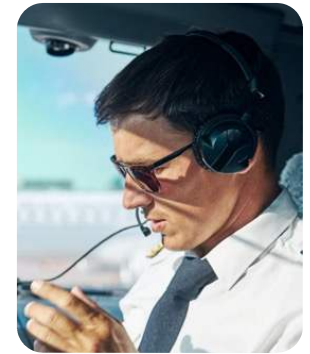
Tap to Pay & Access Control

Onboard transactions or ticketing is easy with built-in NFC - tap to pay ready*. Scan tickets and digital passes quickly with advanced camera scanning or build-in NFC reader.



Durability

EM45 is business durable, tested and exceeding MIL-STD 810H for ruggedness and waterproof/ dustproof at IP68, ready to withstand the rigors of travel and transport environments.



Extra Security

Includes biometric authentication and Identity Guardian, protecting sensitive passenger and operational data.

*Requires a certified payment application. Not provided



Healthcare

Patient transportation

Track patient locations, ensuring better safety and management.

Medical equipment tracking

Track the location and status of medical equipment.

Ideal Environments

- Hospitals
- Home care
- Other medical facilities

Ideal Users

- Ancillary medical personnel IT
- Operations

Healthcare



Wi-Fi 6E and 5G

Stay connected and have uninterrupted communication and data access no matter where your staff is. Advanced altitude-based locationing.



Workstation on demand

Simply dock EM45 into a cradle to instantly transform EM45 into a workstation on demand, anywhere you need it, even on the mobile cart.



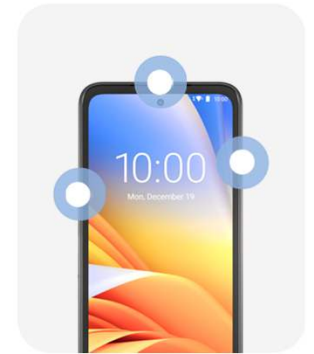
25hr battery

Extended battery life to cover long shifts without frequent charging and rapid charging 0 to 50% in 30 min to minimize downtime.



Glove sensitive touch screen

Oleophobic coating and sensitive to touch even with glove, exceeds MIL-STD 810H for ruggedness and liquid/dustproof at IP68, ready to go on uninterrupted.



3 Programmable Action Buttons

Set up a quick access for a distress call, push to talk, barcode lookup or patient verification.

Added value with a full portfolio of Services

Increase operational efficiency, reduce costs and enhance overall business performance with Zebra Services.

Zebra OneCare Select

Increase device uptime and utilization – benefit from fewer workflow disruptions, lower repair costs and greater operational efficiency

3-year protection covering device functional failure, normal wear and tear, and accidental damage

Have your device replaced next-day*, "like new" and ready to use (Select) or within a 3-day turnaround time (Essential)

Get 24x7 live-agent technical support and access to self-service tools (Select) or priority access 8x5 local time live-agent technical support and 24x7 access to self-service tools (Essential)

Access to VisibilityIQ OneCare** dashboard to manage your contracts and track the status of your repairs

Battery Maintenance service – with unlimited battery replacement – included at no extra charge



VisibilityIQ Foresight™

Informed decision making

Cloud-based dashboard to view fleet insights and make decisions based on analytics across your entire device fleet

Professional Services

Focus on your core business while relying on Zebra to ensure your devices are updated and operating at peak performance

Gold Build ensures your devices operate at their peak performance by successfully designing user profiles

Save valuable time in your operation with Zebra Staging by aligning consistency on operating system version, security features and application loading

Let us help you put together the device and accessories and/or printed collateral into individual or site boxes

Proactive maintenance

Address potential device issues before they impact your business, and uncover opportunities for cost-cutting, right-sizing inventory and reducing lost or stolen assets

Resource optimization

Better visibility helps you more efficiently allocate resources, so your devices are always used to their fullest potential





Specifications

Dimensions	6.72 in L x 3.17 in W x .42 in D (170.65mm L x 80.54mm W x 10.7mm D)	Network Connections	5G; Wi-Fi 6E, Bluetooth 5.3 and NFC
CPU	Qualcomm® 5430 Octa-core, 2.2 GHz	Notifications	Audible tone; vibration
Memory	8 GB DDR5 RAM/128 GB UFS3.1 Flash	Voice and Audio	Two microphones with noise cancellation; Dual Stereo speakers HD VoIP, Voice and Multimedia, supporting Super-wideband (SWB), Wideband (WB) and Full band (FB)
Weight	8.57 oz (243g) (with battery)	SIM	Dual SIM (single Nano SIM and eSIM)
Display	6.7 in color Full High Definition+ (2400 x 1080); LED backlight; dynamic 120Hz refresh rate	Buttons	Volume up/down; Power (fingerprint biometrics). Programmable action buttons: Left - default to scan; Right - default to PTT; Top - default to camera
Touch Panel	Multi mode capacitive touch with bare or light gloved fingertip input; water droplet rejection, Oleophobic coating	Interface Ports	USB 3.1 (Bottom Type C) — SuperSpeed (host and client); OTG/host charging mode
Power	Service replaceable; rechargeable Li-Ion, PowerPrecision for real-time battery metrics; Standard Capacity: 4,750mAh/18.43Wh	Operating Temperature	+32F to +122F (0C to +50C)
Expansion Slot	User-accessible MicroSD card; supports up to 2 TB	Drop Specification	5 ft (1.5m) to tile over concrete across temperature (0C to +50C/+32F to +122 F) with protective boot exceeding MIL-STD-810H; Multiple 4 ft (1.2m) to tile over concrete across temperature (0C to +50C/+32F to 122F) exceeding MIL-STD 810H
Scanning	Camera-based scanning, leveraging Zebra's advanced decoder library for accurate and efficient data capture — complimentary with the device	Tumble Specification	600 1.6 ft (0.5m) tumbles for device with protective case; 300 1.6 ft (0.5m) tumbles for device (1.6 ft/0.5m)
Camera	Rear: 50 MP, Auto focus, OIS; <i>f</i> /1.9, Video Recording Resolution: UHD 4K (3840x2160) @30fps, Front: 8 MP, <i>f</i> /2.0, Video recording 1080P@30fps	Sealing	IP68 and IP65, with battery per applicable IEC sealing specifications
NFC	ISO 14443 Type A and B; Sony FeliCa ⁵ and ISO 15693 cards; Card Emulation via Host; Contactless payment support; ECP1.0 and ECP2.0 polling support; Apple VAS certified		

EM45

Enterprise Mobile

Built for **Work.**
Designed for **You.**



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