ZEBRA



FR55
First Responder
Mobile Computer

Put the world of mission critical narrowband and broadband voice and data communications in the hands of your first responders











Smarter responses. Safer teams. Stronger outcomes.

That's the FR55 First Responder Mobile Computer advantage.

The FR55 bridges the gap between narrowband and broadband devices to provide your first responders with the best of both worlds—the most information possible and direct connections to the entire incident response team. This 5G fully-featured broadband device enables the delivery of a wealth of new intelligence, such as live video streaming, videos and photos, precise geolocation and 3D maps—and enables communications with first responders carrying narrowband Land Mobile Radios.

The result? Stronger collaboration. Better decisions. And increased safety.

The FR55–when every second counts.

Built for the high-stakes needs of critical communications



Supports Mission Critical Communications (MCX)

Empower first responders with a world of mission critical intelligence through interoperability with MCX platforms, including MCPTT, MCData and MCVideo.



Fast, future-ready connectivity

The FR55 can grow alongside your mission critical needs with support for 3GPP 2nd Gen 5G Rel 16 and Wi-Fi 6E, plus a wide range of 5G and 4G LTE bands, Wi-Fi 6E and Bluetooth 5.3 with Bluetooth Low Energy (BLE).



Land Mobile Radio (LMR) device interoperability

Seamlessly communicate with first responders carrying narrowband devices via MCX integration, including TETRA, DMR and TETRAPOL.



eMBMS ready

Get the word out to the whole incident response team by broadcasting onsite video, building layouts, maps, photos and other intelligence to everyone, all at once.



Programmable physical buttons

Communication is fast and easy—you can define the functions of all four physical buttons, including a red Duress button and side PTT button that works with your MCX platform.



Multiple SIM configurations

Configure the FR55 with up to two Nano SIMs plus one eSIM[1] to ensure seamless communications in any location.



Next-level voice clarity

Hear every word on every call with AI neural network-based noise suppression, three microphones and two speakers.

When there's no room for downtime



Zebra's signature rugged design and reliability

All the features you need to give your first responders the reliable operation they require

- Pre-installed and field replaceable rugged boot takes durability to a new level.
- Triple impact tested to 8 ft. (2.4 m) drops to concrete, 6 ft. (1.8 m) drops to concrete across the temperature range and 1,000 consecutive tumbles.[2]
- Submersible, dustproof and waterproof with IP65 and IP68 ratings. Handles searing heat and subzero temperatures.
- Corning Gorilla Glass provides exceptional shatter-and-scratch proofing.
- Optional screen protector improves durability.

Constant power your first responders can count on

Full shift hot-swappable batteries

- Swap batteries anytime and anywhere—no downtime, no time spent locating and swapping in a fully charged battery, no dropped connections, no missed alerts.
- Know when batteries need to be charged, replaced or retired before the mission is impacted with advanced PowerPrecision battery diagnostics.
- Your choice of four battery options: full shift, extended shift, wireless charge and BLE to find missing devices[3], even when they are powered off.



See all the information you need —without scrolling

Large 6-inch FHD+ edge-to-edge display

- 1080x2160 large fully usable screen space with large easy-to-press icons, crisp text and detailed images.
- Ultra-bright 600 nit screen is easy to read indoors or in direct sunlight.
- Advanced multi-touch technology works when wet, with gloves, a bare finger or a stylus.

A whole new layer of intelligence: multimedia

Share real-time conditions with high resolution photos, videos and video calls

- Capture highly detailed photos with the 16 MP rear-facing camera.
- Advanced technologies make it easy to capture perfect images: Phase Detection Autofocus (PDAF), High Dynamic Range (HDR) to capture details even in the lightest and darkest areas of the photo, and an intuitive camera app that alerts users when the lens is dirty and more.
- Collaborate with other incident team members with the high-quality 8 MP front facing camera.
- Automatically capture data from any device feature and integrate into your apps with Zebra's DataWedge—no coding required.

Exceptional security, unmatched Android leadership and an extraordinary long lifecycle



A lifecycle you can count on...

A return on investment (ROI) and a total cost of ownership (TCO) in a class of its own

- Offers an exceptional sales period, eliminating the complexities of mixed model deployments
- Service and support available for a minimum of eight years
- Designed from the ground up to set the bar for product lifecycle



Government-level security...

Protect your devices, data, and communications with multiple layers of defence

- Prevent physical hardware attacks with Secure Element, the best physical security for mobile devices
- Protect sensitive data such as passwords with Android Strongbox and Nano-SAM
- Prevent malware from loading when a device powers up with Secure Boot and Verified Boot
- Government grade security with FIPS 140-2 Validated (ISO 19790) and Common Criteria certified (ISO 15408)
- Enable fast and secure device access with facial biometrics and single sign on (SSO)[3]
- Find lost devices instantly with Device Guardian[3]
- Automatically check-in and check-out charged devices with a Guardian Cabinet



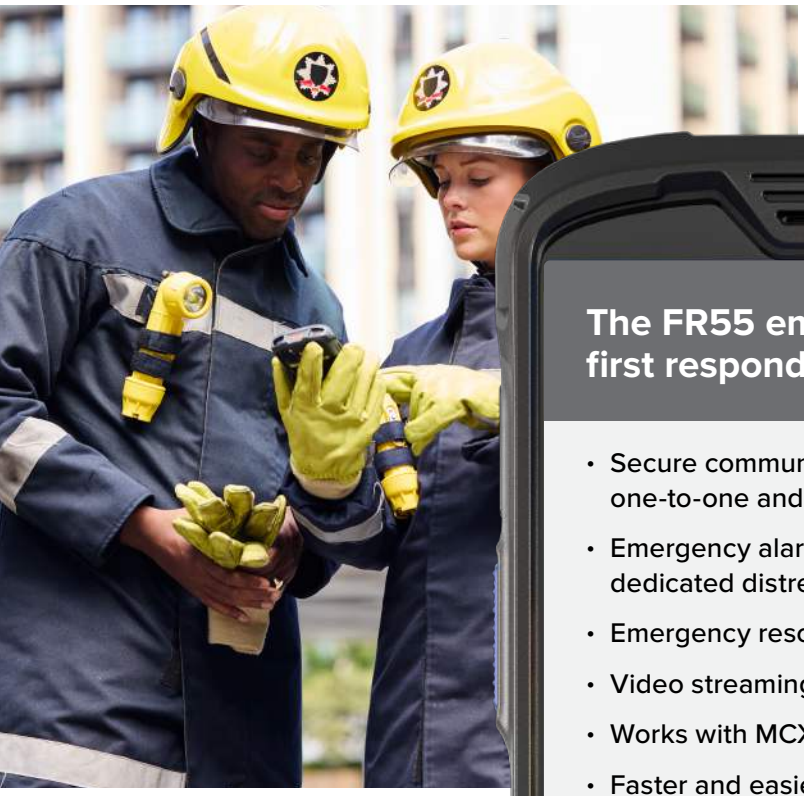
Unparalleled Android leadership...

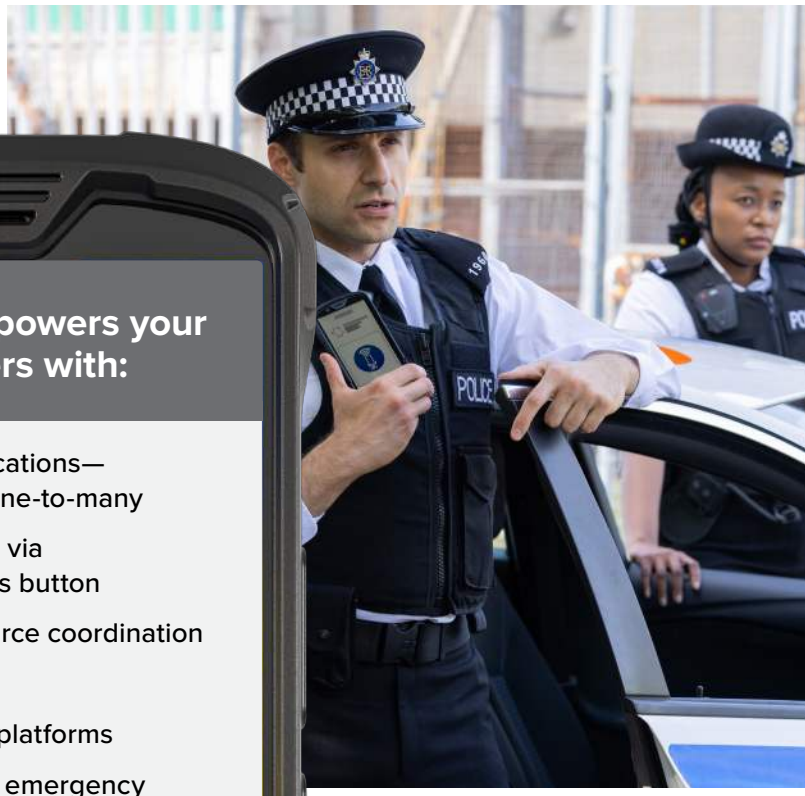
Over 20 years of experience developing Android-based technology and innovations

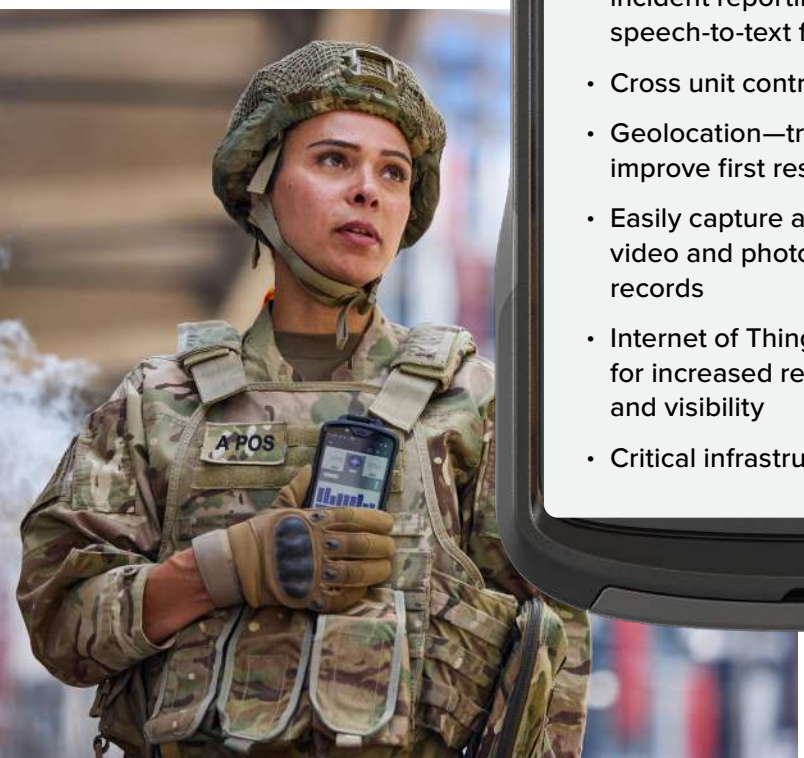
- Mass deployments in some of the world's largest organizations
- Upgradeable through Android 18 to ensure access to the latest features throughout the device lifecycle
- Exclusive LifeGuard™ for Android™ [2]—timely OS patches and security updates, no-touch over-the-air effortless updates and full control over how and when to update
- Complete control over GMS Services to increase the security and privacy of your data
- Exclusive Mobility Extensions (Mx) provides over 100 features you can activate to improve security, data capture support, wireless connectivity and device manageability

The FR55 serves those who serve

When it comes to mission critical communications, the FR55 empowers first responders everywhere with more information and more tools—including police, fire, ambulance, military and defence, aviation and railways. The result? Better collaboration, better decisions and faster response times.









The FR55 empowers your first responders with:

- Secure communications—one-to-one and one-to-many
- Emergency alarm via dedicated distress button
- Emergency resource coordination
- Video streaming
- Works with MCX platforms
- Faster and easier emergency incident reporting—including speech-to-text for easy note-taking
- Cross unit control and collaboration
- Geolocation—track location to improve first responder safety
- Easily capture and integrate video and photo documentation into records
- Internet of Things (IoT) support for increased resource control and visibility
- Critical infrastructure maintenance



Zebra DNA...the Zebra difference

Zebra DNA puts Zebra mobile computers in a class of their own with a large and ever-expanding family of software tools that makes Zebra devices easier to setup, secure, manage and optimize for everyday use. And Zebra DNA Cloud makes it easy to deploy, configure and manage all of your Zebra DNA tools with a single, intuitive interface with a unified user experience.

Set Up

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

Enterprise Mobility
Develop powerful customised enterprise applications with less time and effort

Enterprise Browser
Create cost-effective web-based apps optimised 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

Optimise

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

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

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

Enterprise Keyboard
Customised keys and layouts for specific workflows

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

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

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

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

Device Guardian Access
Real-time visibility into device availability and charge status for all of your mobile devices

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

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

Wireless Insights
The network visibility you need to maximize the performance of cellular, Wi-Fi and Bluetooth connections

Visit www.zebra.com/zebradna for more information and a complete listing of all Zebra DNA tools

Equip for the Mission with Purpose-Built Accessories

Expand and customize your FR55 with a full suite of zebra and third-party mission-critical accessories. From high-capacity batteries and rapid chargers to secure holsters and RSMs, you'll have the tools your first responders need to stay powered, connected and ready.



2-slot cradle

Charge one FR55 and one battery simultaneously; Ethernet or charge-only



5-slot ShareCradle

Charges 5 devices; Ethernet or charge-only



4-slot battery charger

Charges up to 4 batteries; standalone or mounted on Mounting Bracket



Vehicle cradles

Wireless vehicle charging cradle; vehicle holder (non-charging)



Pre-installed rugged boot

Factory installed and easy to replace in the field when needed



Workstation Cradle[4]

Enables the FR55 to double as a mobile-driven workstation



Wearables

Arm and wrist mounts with standard or extended length straps or a soft holster make it easy for first responders to keep the FR55 at their fingertips



Fiber tipped stylus

Smooth gliding; works in snow and rain



Zebra Guardian Cabinets

Easily secure, store, charge and handle device checkout

Other Zebra accessories include:

Batteries: BLE, standard, extended and wireless charging
Headsets: rugged Bluetooth or wired headsets

Third party accessory partners offer:

A wide range of complementary mission critical accessories, such as Remote Speaker Microphones (RSMs) and headsets, Mobile Desk Units (MDUs) and wearable solutions

The industry standard in enterprise support

Services to help with every aspect of your Zebra mobility deployment



Zebra OneCare™ Maintenance Plans

Constant peak performance and device uptime. That's the upside of protecting Zebra devices with Zebra OneCare™. Eliminate unpredictable repair-related costs with these all-inclusive plans that cover accidental damage and normal wear and tear. Choose the service tier that best meets your needs: Zebra OneCare Select (maximum protection) or Zebra OneCare Essential (core assurance), with options that tailor plans to meet specific service needs.

- **Optional battery plans** reduce the cost of battery replacement over a device's lifespan and ensure workers have a healthy, fully charged battery for every mission
- **Technical support** is included in every plan; fully trained technical professionals are available[2] to answer questions and address issues
- **LifeGuard™ for Android** is included with every Zebra OneCare contract to ensure your devices are protected every day they are in service

VisibilityIQ Foresight™

Cut Zebra device management costs nearly in half with VisibilityIQ Foresight. Predictive insights and historical trends help prevent device problems, eliminate device downtime and improve efficiency.

- **Address potential device issues before they impact your operations**, and uncover opportunities for cost-cutting, right-sizing inventory and reducing lost or stolen assets
- **View device inventory, utilization, location and performance—** proprietary algorithms connect the dots so you can take the right action at the right time
- **View everything in an easy-to-grasp, color-coded dashboard** and get alerts on your fleet of mobile devices

Professional Services

With Zebra Professional Services, you can stay focused on your core operations with confidence that your devices are always up-to-date, secure and running smoothly.

- **Gold Build** ensures optimal device performance by creating and deploying tailored user profiles
- **Zebra Staging** saves valuable time by standardizing OS versions, security settings, and app installations across your fleet
- **Let us help you streamline deployment by kitting devices**, accessories, and printed collateral into ready-to-go boxes for each site or user

Device overview

Purpose-built for first responders





Putting sustainability at the heart of the FR55

This EPEAT® certified device* scores high on sustainability. It is free from halogen, mercury and PFO/PFOAs, uses 25% post-consumer recycled plastics, ships in 98% biodegradeable sustainable packaging, offers green battery technology and optimised power management—and an extended lifecycle to minimise device replacement frequency.

* EPEAT Gold registration in process



1. Configurations include: 2 Nano SIMs + eSIM; 1 Nano SIM + Micro SD Card Slot + eSIM; 1 Nano SIM + Nano SAM + eSIM
2. Requires a Zebra OneCare contract
3. License required for Identity Guardian and Device Guardian
4. Workstation Cradle available Q4 2025

visit **www.zebra.com**

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