

MC3300 Mobile Computer

Switch to Android with the mobile computer that gives you more: more models, more scanning options, more rugged design and more advanced accessories

Migrate to Android™, the state-of-the-art mobility business platform, with the next generation of the respected MC3000 series. The same proven OS that took the consumer world by storm is business-ready with guaranteed security support. Run current terminal emulation (TE) applications or create intuitive touchscreens and simplify the user experience. Our powerful Mobility DNA™ applications toolbox simplifies deployment and application development. New MC3300 capabilities also enable you to streamline processes and improve productivity. This best-in-class device has a lightweight ergonomic design, large touchscreen, various keypad options, unmatched scanning performance and more. With multiple form factors, the MC3300 offers unmatched versatility and flexibility.



Easily Transition your Apps to Android

The Perfect Combination: Touchscreen and Keypad

Whether your application requires touch or keypad input, we've got you covered. Your application can utilize the entire display and the keypad gives your workers the same experience they have today. In addition, the touchscreen paves the way to migrate to intuitive touch-based interfaces. And, choose the keypad that most simplifies data entry—alphanumeric, numeric and functional numeric.

Support Your TE Apps Right Out of the Box

Run your existing TE apps, right out of the box—no backend modification or user training required. All Touch Terminal Emulation (ATTE), powered by Wavelink, one of the world's most popular TEs, comes pre-loaded on every model. It's pre-licensed on the gun-style model and ready to use at no cost. This fully featured, flexible solution enables you to migrate at your own pace to minimize learning curves and maximize adoption speed. You can simply migrate all of your current green screens to Android in minutes so your workers are up and running in no time. Want to use a different TE app? No problem. The MC3300 supports the leading TE applications, so you have your choice.

A Common Platform for the Warehouse and Beyond

If you are using Zebra® Android handheld and wearable devices in the warehouse, workers and IT will benefit from a common operating system and solution platform. You'll get the same user experience and management tools across different form factors throughout the warehouse and supply chain.

Android Certified for Guaranteed Security and Performance

Since the MC3300 is an Android Certified device, you get the peace of mind that comes from knowing the device is secure and proven compatible with the growing number of warehouse and enterprise Android apps.



The MC3300—the easy way to power your business with advanced Android mobile computing.

Unparalleled Scanning Performance and Options

The Broadest Scanning Range for Maximum Scanning Flexibility

Short-, mid- or long-range scanning—the MC3300 does it all. The extended range SE4850 imager captures barcodes in hand and on your uppermost warehouse racks—as close as 3 in./7.62 cm and up to 70 ft./21.4 m away. And with an industry-leading field of view, capture even very wide barcodes at close range. And no matter what conditions barcodes are in, the MC3300 captures it all—scratched, dirty, poorly printed or under shrinkwrap.

Superior Data and Image Capture

Three standard range scanning options are available: the 1D/2D SE4750SR, its SE4770 successor and the 1D SE965 laser scanner. In addition, on the premium models, the MC3300 comes equipped with a 13MP rear camera for high resolution image capture.

Android, Ready for Business

Operating System Support You Can Count On

Only from Zebra, LifeGuard™ for Android guarantees direct security updates for 10 years from the release date and the ability to upgrade to future versions of Android.¹

Take Ease-of-Use to a New Level with the Latest Android Features

New features make doing business easier. Run two apps side by side, switch between two open apps with the press of a button, choose from five on-screen element sizing options and more.

Add Powerful Zebra Mobility DNA Features

Doubles as a Free Walkie-talkie—and a PBX Handset

Boost productivity with Mobility DNA's unique voice apps. Workforce Connect™ Push-to-Talk Express² is pre-loaded and pre-licensed, enabling instant walkie-talkie style calls, right out of the box. And with Workforce Connect Voice,³ your MC3300 devices can double as a PBX handset, with complete control over the interface—you can customize screens so your workers can use even the most complex telephony capabilities.

Easily Control Application and Feature Access

Prevent workers from using the MC3300 devices for play with Mobility DNA's Enterprise Home Screen. Use this handy utility to limit the device to one application, or designate accessible apps.

Get Maximum Flexibility, Power, Durability and Comfort

Build it Your Way

With the combination of four form factors, four scan engines, three keypads and three tiers of functionality, there is a combination that is just right for your warehouse, manufacturing floor or retail operation.

Unparalleled Power

This powerhouse is built to deliver stellar application performance. Compared to competitive devices, you get double to triple the processing power, 8 to 16 times the RAM and 32 to 125 times the Flash. So, the MC3300 has the power to run any application your workers need.

Rugged and Ready for Your Business

The MC3300 offers a high 5 ft./1.5 m drop specification, a Corning® Gorilla® Glass touch panel and a larger 4-inch display that provides more room for your workers to view more information.

The Fastest Wireless Connections

Your devices are only as good as their wireless connection. When you choose the MC3300, you get the best. The MC3300 supports 802.11ac with fast roaming, providing your workers with a superior 'wired-style' voice and data experience.

Unmatched Comfort

Zebra's award-winning design team has done it again—the MC3300 is well balanced in hand and lightweight, helping prevent hand fatigue, even throughout the heaviest workday.

Cost-effectively Upgrade to Next Generation Technology

Backwards and Forwards Accessory Compatibility

You get the same backward compatibility Zebra is known for. Use most of your current MC3200 accessories for a very cost-effective upgrade. Or choose from many accessories with advanced features—universal ShareCradles that can charge the MC3300 and standalone batteries in half the time, a forklift mount, PowerPrecision+ high capacity batteries that provide a full suite of metrics that make it easy to identify, remove and replace aging batteries and more.

Cover It All with Zebra OneCare

Extraordinary 'Cover Everything' Service

Zebra® OneCare services will keep your MC3300 up, running at peak performance for pennies a day. Choose the level of service that fits your needs and your budget Zebra OneCare Essential or Zebra OneCare Premier. Get comprehensive coverage that covers everything—normal wear and tear and accidental damage. And since nobody knows our products better than we do, you get unparalleled from-the-manufacturer expertise.

Specifications

Physical Characteristics

Dimensions	MC3300 Straight Shooter (45° Scan and 0° Scan): 7.96 in. L x 2.94 in. W x 1.35 in. D 202.2 mm L x 74.7 mm W x 34.5 mm D MC3300 Turret/Rotating Head: 8.79 in. L x 2.94 in. W x 1.35 in. D 223.4 mm L x 74.7 mm W x 34.5 mm D MC3300 Gun/Pistol: 7.96 in. L x 2.94 in. W x 6.45 in. D 202.6 mm L x 74.7 mm W x 163.9 mm D
Weight	MC3300 Straight Shooter (0° Scan): 13.2 oz./375 g MC3300 Turret/Rotating Head: 13.3 oz./377 g MC3300 Gun/Pistol: 17.8 oz./505 g MC3300 (45° Scan): 13.5 oz./382 g
Display	4.0 inch capacitive; WVGA; color
Imager Window	Corning® Gorilla® Glass
Touch Panel	Corning® Gorilla® Glass touch panel with air gap
Backlight	LED backlight
Expansion Slot	User accessible MicroSD card slot; with 32GB SDHC and up to 256GB SDXC
Network Connections	USB 2.0 High Speed (host and client), WLAN and Bluetooth
Notification	Side LEDs and audible tone
Keypad	Numeric (29 Key), Function Numeric (38 Key), Alpha Numeric (47 Key)
Voice	PTT Express ⁴ and Pro ⁴ Support (internal speaker/microphone or wireless Bluetooth headset)
Audio	Speaker & Microphone
Audio Jack	All models except the Gun/Pistol: Integrated 2.5mm (Premium and Premium + models only—not available on Standard configurations)
Buttons	Two programmable side scan keys

Performance Characteristics

CPU	Qualcomm® APQ8056, 1.8GHz Hex-Core, 64-bit with power optimization
Operating System	Android 8.1 (Oreo); AOSP & GMS - select configurations
Memory	2GB/16GB Standard 4GB/16GB Premium 4GB/32GB Premium Plus
Power	MC3300 Straight Shooter (45° Scan and 0° Scan) and Turret (Rotating Head): Rechargeable Li-Ion: standard (1X) 2740 mAh; High Capacity (2X) 5200 mAh; Fast charging with the new accessories MC3300 Gun/Pistol: Rechargeable Li-Ion: high capacity 5200 mAh; Fast charging support (new accessories)

User Environment

Operating Temperature	-4°F to 122°F/-20°C to 50°C
Storage Temperature	-40°F to 158°F/-40°C to 70°C
Humidity	5% to 95% RH (Non-condensing)
Drop Specifications	Multiple 5 ft./1.5 m drops to concrete over the entire operating temperature range
Tumble Specifications	1,000 3.3 ft./1 m tumbles
Sealing	IP54
Vibration	5Hz to 2KHz
Thermal Shock	-40°C to 70°C
Electrostatic Discharge (ESD)	+/-15kV air, +/8kV contact discharge

Interactive Sensor Technology (IST)

Motion Sensors	3-axis accelerometer; gyroscope
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Data Capture

Scanning	MC3300 Brick/Straight Shooter (0° Scan): SE965 1D, SE4750SR 2D, SE4770 2D, SE4850 ERI MC3300 Turret/Rotating Head: SE965 1D Laser MC3300 Gun/Pistol: SE965 1D, SE4750SR 2D, SE4770 2D, SE4850 ERI MC3300 (45° Scan): SE4750SR 2D, SE4770 2D
Rear Camera	13MP with Flash (Premium + models only) (Not available on the MC3300 Gun/Pistol)
NFC	Available on Premium and Premium + models

Wireless LAN

Radio	802.11 a/b/g/n/ac/d/h/i/k/r/v/w
Data Rates	2.4GHz: 144Mbps 5GHz: 867Mbps
Operating Channels (depending on Regulatory)	2.4GHz: 1 to 13 5GHz: 36,40,44,48,52,56,60,64, 100,104, 108,112,116,120,124,128,132,136,140,(144),149, 153,157,161,165
Security and Encryption	WEP, WPA/WPA2 PSK, WPA/WPA2 Enterprise
Certifications	802.11n/ac, WMM-PS, WMM-AC, PMF, Voice Enterprise, Wi-Fi Direct, WPS
Fast Roam	PMKID/OKC/CCKM/802.11r

Markets and Applications:

Retail

- Backroom/warehouse management
- Price verification/updates
- Store receiving
- Picking and put-away
- Inventory management
- In-store communications
- Voice-directed applications

Warehousing/Distribution

- Warehouse management
- Picking and put-away
- Returns processing
- Voice-directed applications
- EDI transactions
- Yard managements

Manufacturing

- Inventory management
- Supply-line replenishment
- Safety testing
- Parts tracking

Wireless PAN

Bluetooth	V4.1, V2.1 + EDR w/ Bluetooth Low Energy (BLE)
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Warranty

Subject to the terms of Zebra's hardware warranty statement, the MC3300 is warranted against defects in workmanship and materials for a period of 1 (one year from the date of shipment). For complete warranty statement, please visit: www.zebra.com/warranty

Recommended Services

Zebra OneCare Select; Zebra OneCare Essential

Footnotes

1. Requires a valid Zebra OneCare service contract.
2. Compatible with most Zebra mobile devices.
3. Compatible with most popular PBXs.
4. Requires purchase of a stand alone license.

Mobility DNA

Mobility DNA is available on Android only. Features may vary by model and a Support Contract may be required. To learn what solutions are supported, please visit: <https://developer.zebra.com/mobilitydna>

