

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

The MC3300 makes it easy to migrate to the next generation in mobility business platforms — Android. The same operating system that took the consumer world by storm is now ready for business, providing a well proven mobility platform and guaranteed security support you can count on. This next generation of the highly successful MC3000 series offers everything you need to run your business today and tomorrow. You can run current terminal emulation (TE) applications right out of the box — or reformat to create intuitive screens that utilize touch to simplify the user experience. Our unique toolbox of powerful applications — known as Zebra's Mobility DNA — not only makes deployment and application development easier than ever, it also allows you to add new capabilities to your MC3300 mobile computers to streamline everyday processes and improve worker productivity. When it comes to features and options, this best-in-class device delivers, offering a light weight ergonomic design, large touchscreen, a variety of keypad options, unmatched scanning performance and much more. And with its multiple form factors, the MC3300 gives you unmatched versatility and flexibility from the warehouse to the retail store. The MC3300 — the easy way to power your business with advanced Android mobile computing.



Easily transition your apps to Android

The perfect combination: touchscreen and keypad

Whether your application requires touch or physical keypad input, we've got you covered. Your application can utilize the entire display, while the physical keypad allows you to give your workers the exact same experience they have today. In addition, the touchscreen paves the way to migrate to intuitive touch-based interfaces. And you can 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. Ivanti Velocity, one of the world's most popular TEs, is pre-loaded on every model — and it's pre-licensed on the gun-style model, ready to use at no cost. Want to use a different TE? No problem. With support for the leading TEs, the choice is yours. Want to modernize your TE app? Mobility DNA's AllTouch TE is also pre-loaded on every model, ready to help you turn traditional 'green screens' into elegant touch-centric intuitive screens that allow your workers to get more done in less time.

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 Android apps built for the warehouse and enterprise.

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

Superior standard range scanning options

Two standard range scanning options are available: the 1D/2D SE4570 and the 1D SE965, both offering the same superior scanning performance for which Zebra is famous.

Android, ready for business

Operating system support you can count on — today and tomorrow

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

Take ease-of-use to a new level with the latest Android features

Many new features make doing business easier. Users can run two apps, side-by-side, flip between two open apps with the press of a button, choose from five different options for the size of the elements displayed on a screen and more.

Easily add powerful new Zebra-Only features with mobility DNA

Add advanced scanning functionality and document capture

With SimulScan, a Mobility DNA app, labels with multiple barcodes are no problem — with the press of one button, you can opt to capture all barcodes on a label, or only specific barcodes of your choosing. Need to capture data on a form? SimulScan makes it easy, able to capture text fields, phone numbers, images, signatures and more.² And with the 13 MP high-resolution camera, it's easy to take photos to document the condition of incoming shipments and more.

Doubles as a free walkie-talkie — and a PBX handset

Boost productivity and efficiency even higher with Mobility DNA's unique voice apps. Workforce Connect Push-to-Talk Express³ is pre-loaded and pre-licensed, enabling instant walkie-talkie style calls, right out of the box. And with Workforce Connect Voice,⁴ your MC3300 devices can double as a PBX handset, with complete

control over the interface — you can customize screens to make it easy for your workers to 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. This handy utility makes it easy to create a single-purpose tool that can only access one application, or pick and choose which apps and device features are accessible.

Get maximum flexibility, power, durability and comfort

Build it your way

With the combination of four form factors, three 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 of a mobile device 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 no matter how many applications your workers need to run, the MC3300 has the power to run them all.

Rugged and ready for your business

The MC3300 offers a new higher 5 ft./1.5 m drop specification, a 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 — and 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 work day.

Cost-effectively upgrade to next generation technology

Backwards and forwards accessory compatibility

You get the same backwards compatibility for which Zebra is known — use most of the MC3200 accessories you already own for a very cost-effective upgrade. Or choose from many new accessories with advanced features — from universal ShareCradles that can charge the MC3300 and standalone batteries in half the time, a forklift mount, new 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 and in like new condition for just pennies a day. You can choose the level of service that fits your needs and your budget — Zebra OneCare Essential or Zebra OneCare Premier. You get comprehensive coverage that literally 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.

The MC3300 — the easy way to power your business with advanced android mobile computing.
For more information, visit www.zebra.com/mc3300
or access our global contact directory at www.zebra.com/contact

MC3300 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	Micro SD card slot, up to 32GB
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 Voice Support (Internal Speaker)
Audio	Speaker
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 8056 1.8 GHz hexa-core 64 bit with power optimization
Operating System	Android 7.0 (Nougat) – AOSP; GMS – select configurations
Performance Characteristics (Continued)	

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 2700 mAh; High capacity 5200 mAh; Fast charging support (new accessories)
	MC3300 Gun/Pistol: Rechargeable Li-Ion: high capacity 5200 mAh; Fast charging support (new accessories)
User Environment	
Operating Temperature	-20° C to +50° C
Storage Temperature	-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 3.2 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
Data Capture	
Scanning	MC3300 Brick/Straight Shooter (0° Scan): SE965 1D, SE4750SR 2D, SE4850 ERI
	MC3300 Turret/Rotating Head: SE965 1D Laser
	MC3300 Gun/Pistol: SE965 1D, SE4750SR 2D, SE4850 ERI
	MC3300 (45° Scan): SE4750SR 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/w

Put the MC3300 to work in:

Retail

- Backroom/warehouse management
- Price verification/updates
- Store receiving
- Picking and putaway

- Inventory management
- In-store communications

- Voice-directed applications

Warehousing/ Distribution

- Warehouse management
- Picking and putaway
- Returns processing
- Voice-directed applications
- EDI transactions
- Yard management

Manufacturing

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

Continued on page 4

MC3300 Specifications (continued)

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

Wireless PAN

Bluetooth	V4.1, V2.1 + EDR w/ Bluetooth Low Energy (BLE)
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Mobility DNA Solutions

All-touch TE	Lifeguard for Android
AppGallery	Mobility Extensions (Mx)
Device Diagnostics	SimulScan
EMDK for Android	SmartDex
Enterprise Browser	StageNow
Enterprise Home Screen	Swipe Assist
Enterprise Keyboard	Workforce Connect PTT Express/PTT Pro/Voice

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>

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

1. Requires a valid Zebra OneCare service contract.
2. Requires SimulScan, a pre-installed complimentary Zebra Mobility DNA application.
3. Compatible with most Zebra mobile devices.
4. Compatible with most popular PBXs.



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