



# MC3200 MOBILE COMPUTER

## 3 GENERATIONS. 2 ADVANCED OS OPTIONS. 1 INDUSTRY LEADING SOLUTION.

**RE-SET THE BAR FOR PRODUCTIVITY IN INVENTORY MANAGEMENT WITH THE NEXT GENERATION IN THE CLASS LEADING MC3000 SERIES.**

Customer satisfaction and the success of your business are tightly tied to how efficiently and accurately you can manage your inventory. You need to know what you have on hand at all times to prevent costly out-of stocks, while your workers need to rapidly and accurately pick orders to ensure that customers receive the right items, on time. With the MC3200, you will. Now with more options, this cost-effective, lightweight and rugged mobile computer provides the tools your workers need to complete inventory-related tasks in seconds, from the store sales floor to the loading dock. Every day, workers use one of three ergonomic models in the MC3000 Series to bring all day comfort to any job, from voice-picking to the most scan-intensive tasks. And since the MC3000 Series has been one of our most popular mobile computers for over 10 years, you get a tough and tested mobile computer you can trust to take your inventory management efficiency to the next level.

### **Supports both Android Jelly Bean and Microsoft Embedded Compact 7**

You get the flexibility to choose the leading operating system that best meets the needs of your business and your workers. And the ability to swap operating systems allows you to future proof your investment.\*

### **Extensions (Mx) by Zebra fortifies Android for the enterprise**

Integrated into Android, Mx adds the features needed to transform Android from a consumer operating system (OS) to a true enterprise-class OS, including security, device management and support for enterprise data capture capabilities

### **The power to support the most demanding applications**

A dual core 1 GHz processor, your choice of 2 or 4 GB of Flash memory and up to 32 GB of additional SD memory provides the power to run multiple complex applications — simultaneously.

### **Unparalleled bar code scanning performance improves productivity**

Whether you choose the 1-D laser or 2-D imager engine, your workers get our most advanced scanning technology, able to capture bar codes as fast as they can press the trigger — regardless of whether items are in hand or on high racks in the warehouse, or whether bar codes are scratched, poorly printed or dirty.

1-D Laser: Patented Adaptive Scanning technology in our 1-D laser offers the widest working range in its class — your workers can capture just about any 1-D bar code from near contact to as far as 15 ft./4.5 m away.

2-D Imager: Zebra's PRZM proprietary technology and the extra wide field of view in our 2-D imager enables workers to capture virtually any bar code up to 36 in./92 cm away, as well as scan large bar codes at close range.

### **Fast wireless connectivity with 802.11n**

Provides the desktop style application performance that improves employee productivity and on-the-job satisfaction.

**Rugged and ready for the store floor, back room, warehouse or loading dock**

**THE MC3200 IS AT HOME 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

#### **Government (Federal, State and Local agencies)**

- Warehouse management
- Asset management and tracking
- Voice-directed applications
- Inspections/ maintenance

Sealing, drop and tumble testing and a rugged audio jack ensure reliable operation despite everyday drops on concrete, extreme cold and heat, spills and more.

### Three lightweight models bring all day comfort to scan intensive jobs

Mix and match brick, gun-style or rotating turret form factors with three different keypads to streamline data capture for different types of workers.

### Cost-effectively upgrade from any MC3000 Series model

Accessory compatibility allows you to upgrade to the latest mobile technology and preserve existing technology investments.

### Future proof applications with RhoMobile Suite

RhoMobile Suite support enables the creation of cross-platform apps that can run on iOS, Android, Microsoft Windows and the operating systems of the future.

### Enhanced battery design

The new all-in-one combination battery/battery door provides one-step fast battery changing.

## TAKE YOUR INVENTORY MANAGEMENT EFFICIENCY TO THE NEXT LEVEL WITH THE TESTED AND TRUSTED RUGGED MC3200.

For more information, visit [www.zebra.com/mc3200](http://www.zebra.com/mc3200) or access our global contact directory at [www.zebra.com/contact](http://www.zebra.com/contact)

## SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS		DATA CAPTURE	
<b>Dimensions:</b>	<u>Straight Shooter:</u> 7.49 in. L x 3.22 in. W x 1.78 in. D 190.4 mm L x 81.9 mm W x 45.2 mm D <u>At grip:</u> 2.40 in. W x 1.35 in. D 60.9 mm W x 34.2 mm D <u>Rotating Turret:</u> 8.37 in. L x 3.22 in. W x 1.57 in. D 212.6 mm L x 81.9 mm W x 40.0 mm D <u>At grip:</u> 2.40 in. W x 1.35 in. D 60.9 mm W x 34.2 mm D <u>Gun:</u> 7.59 in. L x 3.18 in. W x 6.5 in. D 192.7 mm L x 80.8 mm W x 166 mm D	<b>Scanning:</b>	1-D Laser <sup>1</sup> : SE965 Standard Range with Adaptive Scanning (all models) 1-D/2-D Imager: SE4750-SR (Straight Shooter and Gun models only)
<b>Weight (including strap, stylus, and battery):</b>	<u>Straight Shooter:</u> 12.88 oz./365 g <u>Rotating Turret:</u> 13.13 oz./372 g (with standard battery) <u>Gun:</u> 18.0 oz./509 g (with extended battery)	<b>INTERACTIVE SENSOR TECHNOLOGY (IST)</b>	
<b>Display:</b>	3.0 in. colour (TFT) (320 x 320) display	<b>Motion-sensor:</b>	CE7.0/Premium model: 3-axis accelerometer that enables motion-sensing applications on dynamic screen orientation, power management and free-fall detects; Android: 3-axis accelerometer that detects screen rotation
<b>Touch Panel:</b>	Chemically strengthened glass, resistive touch	<b>WIRELESS LAN VOICE AND DATA COMMUNICATIONS</b>	
<b>Backlight:</b>	LED Backlight	<b>Radio:</b>	IEEE® 802.11a/b/g/n
<b>Keypad Options:</b>	28-key Numeric, 38-key Shifted Alpha, 48-key Alpha-Numeric	<b>Security:</b>	<u>Security Modes:</u> Legacy <sup>3</sup> , WPA and WPA2 (Personal or Enterprise); 802.1X <u>Encryption:</u> WEP40/WAP104, TKIP and AES <u>Authentication:</u> TLS; TTLS (CHAP <sup>3</sup> , MSCHAP, MSCHAPv2, PAP or MD5 <sup>3</sup> ); PEAP (TLS <sup>3</sup> , MSCHAPv2, GTC); LEAP; FAST (TLS <sup>3</sup> ,
<b>Expansion Slot:</b>	User accessible Micro SD slot; (supports up to 32 GB microSDHC)		
<b>Notifications:</b>	LEDs, audio		
<b>Audio:</b>	Speaker, microphone and headset		

connector (2.5 mm jack)

MSCHAPv2, GTC) Other: Wi-Fi  
CCXv4 certified; supports IPv6;  
FIPS 140-2 certified (Android), Q4-  
2014 (WinCE)

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## PERFORMANCE CHARACTERISTICS

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**CPU:** Dual core 800 MHz OMAP4  
Processor (Standard) or Dual core  
1 GHz OMAP4 processor ( Premium)

**Operating System:** Choice of Windows Embedded  
Compact 7.0 (Standard or  
Premium) or Android 4.1 (Premium  
)

**Memory:** 512 MB RAM/2 GB Flash ( Standard)  
1GB RAM/4 GB Flash ( Premium)

**Power:**  PowerPrecision Li-Ion  
batteries Two options: High  
Capacity 4800 mAh or Standard  
Capacity 2740 mAh (not available  
on gun form factor)

**Antenna:** Internal antenna w/diversity

**Data Rate:** 802.11a/g: up to 54 Mbps; 802.11b  
: up to 11 Mbps; 802.11n: up to 65  
Mbps (72 Mbps w/SGI)

**Operating Channels:** Chan 36-165 (5180 - 5825 MHz),  
Chan 1-13 (2412-2472 MHz);  
Actual operating channels/  
frequencies depend on regulatory  
rules and certification agency

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## VOICE AND AUDIO:

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PTT (client included); high-quality speakerphone;  
wireless (Bluetooth) and wired headset support; PTT will  
support headset and speakerphone mode.

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## USER ENVIRONMENT

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**Drop Specification:** Multiple 4 ft./1.2 m drops to  
concrete across the operating  
temperature range, multiple 5 ft./  
1.5 m drops to concrete at ambient  
temperature 73° F/23° C; meets  
and exceeds MIL-STD 810G

**Tumble  
Specification:** 500 1.64 ft./0.5 m tumbles (1,000  
drops) at room temperature per  
IEC 68-2-32 tumble specifications

**Operating Temp.:** -4° F to 122° F/-20° C to 50° C

**Storage Temp.:** -40° F to 158° F/-40° C to 70° C

**Battery Charging  
Temp.:** 32° F to 104° F/0° C to 40° C

**Sealing:** IP54 per IEC specification

**Humidity:** 10 - 95% non-condensing

**ESD:** EN61000-4-2; ± 20kV Air  
discharge, ± 10kV direct discharge,  
± 10kV indirect discharge

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## WIRELESS PAN DATA AND VOICE COMMUNICATIONS

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**Bluetooth®:** Class II, v2.1 with Enhanced Data  
Rate (EDR); integrated antenna

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## NETWORK COMMUNICATIONS

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**I/O:** USB 1.1 Full Speed Host/ Client or  
RS232

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## PERIPHERALS AND ACCESSORIES\*

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Single-slot USB/RS232 charging cradle with spare  
battery well; four-slot charge only cradle; four slot  
Ethernet cradle; four-slot battery charger; universal  
battery charger adapter

\*For a complete list of MC3200 peripherals and  
accessories, please visit [www.zebra.com/mc3200](http://www.zebra.com/mc3200)

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## WARRANTY

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Subjected to the terms of Zebra's hardware warranty  
statement, the MC3200 is warranted against defects in  
workmanship and materials for a period of 1 (one) year  
from the date of shipment. For complete warranty  
statement, go to: <http://www.zebra.com/warranty>

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## RECOMMENDED SERVICES

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Enjoy easy access to fast repair and expert support with  
Service from the Start with Comprehensive Coverage.

[1]Tolerant to typical artificial indoor and natural outdoor  
(direct sunlight) lighting conditions. Fluorescent,  
Incandescent, Mercury Vapor, Sodium Vapor, LED2, 450  
Ft. Candles (4,844 Lux) Sunlight: 10000 Ft Candles (   
107,640 Lux) [2] LED lighting with high AC ripple content  
can impact scanning performance [3] Only applicable to  
WinCE OS variant

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\* OS swap is only supported on Premium CE and  
Android Configurations. Devices must be sent to a  
service depot to perform the OS swap.



**ZEBRA**

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**ZEBRA TECHNOLOGIES**