

## MC3200 Mobile Computer

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. 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.



### 3 Generations. 2 Advanced OS Options. 1 Industry Leading Solution

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 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.<sup>4</sup>

### Mobility Extensions 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.

### Simple and cost-effective asset tracking - right out of the box

For many small businesses, keeping track of assets can be too time-consuming and costly to perform more than a few times a year — until now. Pre-loaded on the MC3200, Asset Tracker Lite is the first step in improving asset visibility for businesses of all sizes. No technical expertise is required: employees simply walk through the facility and scan the bar codes on assets for an accurate inventory that tells you what assets you have and where they're located. Asset Tracker Lite is fast, easy and so cost-effective, you can take asset inventory as often as your business needs dictate — monthly, weekly or daily.



### **Unparalleled bar code scanning performance**

Whether you choose the 1D laser or 2D 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. 1D Laser: Patented Adaptive Scanning technology in our 1D laser offers the widest working range in its class — your workers can capture just about any 1D bar code from near contact to as far as 15 ft./4.5 m away. 2D Imager: Zebra's PRZM proprietary technology and the extra wide field of view in our 2D imager enables workers to capture virtually any bar code.

### **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**

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.

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**CDG** | Computer Peripheral  
and Supplies Ltd.

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244 Soi Pattanakarn 53, Pattanakarn, Suanluang,  
Bangkok 10250 Thailand

#### **Contact Us**

Tel : (66) 0-2322-9535, 0-2722-4040

Fax : (66) 0-2322-7990

E-Mail : sales.dept@cps.co.th

Web site : www.cps.co.th, www.facebook.com/cps.co.th

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# Specifications

## Physical Characteristics

Dimensions	<p>Straight Shooter: 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 At grip: 2.40 in. W x 1.35 in. D 60.9 mm W x 34.2 mm D</p> <p>Rotating Turret: 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 At grip: 2.40 in. W x 1.35 in. D 60.9 mm W x 34.2 mm D</p> <p>Gun: 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</p>
Weight (including strap, stylus, and battery)	<p>Straight Shooter: 12.88 oz./365 g</p> <p>Rotating Turret: 13.13 oz./372 g (with standard battery)</p> <p>Gun: 18.0 oz./509 g (with extended battery)</p>
Display	3.0 in. color (TFT) (320 x 320) display
Touch Panel	Chemically strengthened glass, resistive touch
Backlight	LED Backlight
Keypad Options	28-key Numeric, 38-key Shifted Alpha, 48-key Alpha-Numeric
Expansion Slot	User accessible Micro SD slot; (supports up to 32 GB microSDHC)
Notifications	LEDs, audio
Audio	Speaker, microphone and headset connector (2.5 mm jack)

## Performance Characteristics

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) 1 GB 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)

## User Environment

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
Humidity	10 - 95% non-condensing
Sealing	IP54 per IEC specification
Drop Specs	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

## Data Capture

Scanning	1D Laser(1): SE965 Standard Range with Adaptive Scanning (all models) 1D/2D Imager: SE4750-SR, 4750-MR (Straight Shooter and Gun models only)
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## Interactive Sensor Technology (IST)

Motion-sensor	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
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## Applications

Included Applications	Asset Tracker Lite
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## Wireless Lan Voice and Data Communications

Radio	IEEE@ 802.11a/b/g/n
Security	<p>Security Modes: Legacy(3), WPA and WPA2 (Personal or Enterprise); 802.1X</p> <p>Encryption: WEP40/WAP104, TKIP and AES</p> <p>Authentication: TLS; TTLS (CHAP(3), MSCHAP, MSCHAPv2, PAP or MD5(3)); PEAP (TLS(3), MSCHAPv2, GTC); LEAP; FAST (TLS(3), MSCHAPv2, GTC)</p> <p>Other: Wi-Fi CCXv4 certified; supports IPv6; FIPS 140-2 certified (Android), Q4-2014 (WinCE)</p>
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

## Wireless Pan Data and Voice Communications

Bluetooth	Class II, v2.1 with Enhanced Data Rate (EDR); integrated antenna
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## Voice and Audio

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

I/O	USB 1.1 Full Speed Host/ Client or RS232
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# Markets and Applications

## 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

## User Environment

Tumble Specs	500 1.64 ft./0.5 m tumbles (1,000 drops) at room temperature per IEC 68-2-32 tumble specifications
ESD	EN61000-4-2; ± 20kV Air discharge, ± 10kV direct discharge, ± 10kV indirect discharge

## Warranty

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: [www.zebra.com/warranty](http://www.zebra.com/warranty)

## Recommended Services

Zebra OneCare Select; Zebra OneCare Essential

## Footnotes

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

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E-Mail : [sales.dept@cps.co.th](mailto:sales.dept@cps.co.th)

Web site : [www.cps.co.th](http://www.cps.co.th), [www.facebook.com/cps.co.th](http://www.facebook.com/cps.co.th)

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