

# MC9200 Mobile Computer

## INDUSTRY LEADING GOLD STANDARD FOR MOBILITY IN DEMANDING ENVIRONMENTS

The MC9200 is the next generation in the industry-leading rugged MC9000 Series, now offering support for the most popular mobile operating system in the world, Android. Raising the bar on rugged mobile computing, the MC9200 offers well-proven technology that you and your workers can count on, with the very latest bar code scanning technology, a contemporary user interface and the power to run a new class of business applications that is every bit as easy to use and engaging as today's consumer applications. As part of the MC9000 Series, the MC9200 is designed for all-day business use in the toughest environments — every day, millions of users around the world count on their MC9000 Series mobile computer to better manage inventory in warehouses and manufacturing plants, track baggage on airport tarmacs in any kind of weather and keep weaponry and vehicles on military bases in peak operating condition. The MC9200 — the next evolution in the world's leading mobile computer for demanding environments.



### Your choice of OS

Choose the operating system that supports your technology strategy and environment — Android KitKat, Windows Embedded Compact or Windows Embedded Handheld.

### Enterprise-class Android KitKat

Every Android device ships with Mobility Extensions (Mx), a series of features that transform Android™ from a consumer operating system (OS) to a true enterprise-class OS, providing enterprise-class security and device management, as well as enterprise data capture capabilities.

### The power to support any application

A dual core 1 GHz processor, 2GB of Flash memory, up to 32GB of additional SD memory provide the power to run multiple complex ERP applications — simultaneously.

### High-speed Wi-Fi

Support for the latest Wi-Fi protocols, including 802.11n — the fastest Wi-Fi connection available today — provides your workers with the best possible wireless voice and data experience.

### Proven rugged construction, ready for your most challenging environments

Every day, MC9000 Series devices deliver reliable performance, despite everyday drops on concrete, subzero cold, extreme heat, dust and exposure to splashing liquids.

### Switch operating systems

With our Premium MC9200 model, you can switch between Windows and Android for complete OS flexibility.\* (Requires a Zebra OneCare service plan.)

### Government-grade security

Government-grade FIPS 140-2 Level 1 certification secures Wi-Fi and Bluetooth wireless communications, without impacting device or application performance.

### Your choice of seven of the most advanced scan engines

No matter what type of bar codes you need to capture, there is a scan engine option that will deliver rapid-fire capture — including 1D, 2D, driver's license, DPM codes and more — even if the codes are dirty, damaged or poorly printed. And if you need to capture it all, our next generation imager, the SE4750 delivers. Proprietary PRZM Intelligent Imaging technology offers unparalleled performance on just about any type of data imaginable — from 1D and 2D bar codes to photos and fully searchable and editable documents. The SE4750 is available for Premium configurations in three models — Standard Range (SR), Mid Range (MR) and DPM.

### Six interchangeable keypads for superior customization

Choose the keypad that makes data entry as easy as possible for any type of application. No need to send the device to a service depot, you can change the keypad in minutes, right on site.


### Compatible with your existing MC9000 Series accessories


Since the MC9000 Series accessories you already own will work with the MC9200, you can cost-effectively upgrade your mobile computers to provide support for today's more processing intensive, elegant and intuitive applications.

**TAKE EFFICIENCY AND ACCURACY TO THE NEXT LEVEL IN YOUR MOST DEMANDING ENVIRONMENTS WITH THE RUGGED MC9200.**

FOR MORE INFORMATION, VISIT [WWW.ZEBRA.COM/MC9200](http://WWW.ZEBRA.COM/MC9200)  
OR ACCESS OUR GLOBAL CONTACT DIRECTORY AT [WWW.ZEBRA.COM/CONTACT](http://WWW.ZEBRA.COM/CONTACT)

# MC9200 Specifications Chart

PHYSICAL AND ENVIRONMENTAL CHARACTERISTICS	
Dimensions	9.1 in. L x 3.6 in. W x 7.6 in. H 23.1 cm L x 9.1 cm W x 19.3 cm H
Weight	27 oz./765 g (includes battery)
Keyboard	28-, 43- and 53-key; Terminal Emulation (5250, 3270, VT)
Display	3.7 in. VGA resolution; color
Power	 <b>PowerPrecision</b> Improved battery technology for better battery management; Lithium ion battery 2400 mAh
RFID Tag	Integrated UHF Gen2 tag (Premium models only)
IST	Sensor technology (Premium models only)

PERFORMANCE CHARACTERISTICS	
CPU	Dual core 1GHz OMAP 4 processor
Operating System	 Android 4.4.4 with Mobility Extensions (Mx), turning Android into a true enterprise class OS Microsoft Windows Embedded Compact 7.0 Microsoft Windows Embedded Handheld 6.5.3
Memory	512MB/2GB; 1GB/2GB (Premium models only)
Expansion	User accessible 32GB SDHC card slot
App Development	PSDK and EMDK available through Zebra Support Central Web site
Data Capture Options	SE965: <sup>1,4</sup> 1D standard range scan engine SE1524-ER: <sup>2,5</sup> 1D extended range scan engine reads up to 45 ft./13.72 m away SE4500: <sup>2,4</sup> Omnidirectional 1D/2D imaging engine SE4750: <sup>2,4</sup> Next generation omnidirectional 1D/2D imaging engine for faster data capture. Available for Premium configurations only in three models - Standard Range (SR), Mid Range (MR) and DPM. SE4600: <sup>2,6</sup> Extended range omnidirectional 1D/2D imaging engine reads as far as 30 ft./9.14 m SE4500-DL: <sup>2,6</sup> 1D/2D DL imaging engine reads 1D, 2D and PDF codes on driver's licenses SE4500-HD: <sup>2,7</sup> 1D/2D DPM imaging engine reads a wide variety of DPM marks on metal, plastic and glass



USER ENVIRONMENT	
Operating Temp.	-4° to 122° F/-20° to 50° C
Charging Temp.	32° to 104° F/0° to 40° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% non condensing (Condensation resistant configurations available)



1. Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED3, 450 Ft. Candles (4,844 Lux) Sunlight: 10000 Ft Candles (107,640 Lux)
2. Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED3, 450 Ft. Candles (4,844 Lux) Sunlight: 8000 Ft Candles (86,111 Lux)
3. LED lighting with high AC ripple content can impact scanning performance
4. Available on Windows now; available on Android 2H 2015
5. Available on Windows now; available on Android in the near future
6. Available on Windows only
7. Available on Windows now; available on Android in 2016

\* Some restrictions apply. Speak to your sales representative or refer to your Zebra *OneCare* service plan for more information.

USER ENVIRONMENT (continued)	
Drop Specification	Multiple drops to concrete: 6 ft./1.8 m across the operating temp. range; meets/exceeds MIL-STD 810G
Tumble Specification	4,000 3.28 ft./1 m tumbles; meets and exceeds IEC tumble specifications
Scanner Exit Window	Corning Gorilla™ glass
Sealing	IP64 (electronic enclosure, display and keypad) per IEC Sealing specification
Electrostatic Discharge (ESD)	±15kVdc air discharge; ±8kVdc direct discharge; ±8kVdc indirect discharge

WIRELESS DATA COMMUNICATIONS	
WLAN	Android: IEEE 802.11 a/b/g/n/d/h/i/k/r WinCE/WEH: IEEE 802.11 a/b/g/n/d/h/i
Data Rate	802.11a: up to 54 Mbps; 802.11b: up to 11 Mbps; 802.11g: up to 54 Mbps; 802.11n: up to 65 Mbps
Antenna	Internal
Frequency Range	All country dependent: 802.11a – 5 GHz; 802.11b – 2.4 GHz; 802.11g – 2.4 GHz; 802.11n – 2.4GHz and 5GHz
WLAN Security	WPA2 Enterprise, 802.1x; EAP-TLS; TTLS (CHAP, MS-CHAP, MS-CHAPv2, PAP or MD5); PEAP (TLS, MSCHAPv2, EAP-GTC); LEAP, EAP-FAST (TLS, MS-CHAPv2, EAP-GTC), WPA2/AES, CCX v4, FIPS 140-2 and IPv6
WPAN (Bluetooth)	Stonestreet stack: Bluetooth 4.0 plus BLE or WBA Microsoft stack: Bluetooth Version 2.1 with EDR

VOICE AND AUDIO	
Audio	High quality speaker, microphone and 2.5mm headset jack
Voice Directed Picking	 <b>TekSpeech Pro</b> Certified; compatible with 3rd party VDP clients (WEHH and CE7 only)
Push-to-Talk	 <b>Workforce Connect PTT Express</b> (client included) with headset and speakerphone modes; wired headset support;

ADDITIONAL MOBILITY DNA SOLUTIONS	
 <b>All-touch Terminal Emulation (TE)</b> , powered by Wavelink, enables the easy conversion of “green screen” TE apps into HTML5 intuitive all-touch apps that run on Zebra's Android mobile computers — without writing any code. (Available on Android models only in 2H 2015.)	
 Created to complement Google's Software Development Kit for Android, Zebra's <b>EMDK</b> provides a comprehensive toolkit to make it easy to integrate all the functions in our enterprise-class Android devices, from bar code scanning to payment processing.	

PERIPHERALS AND ACCESSORIES	
Cradles: single-slot Serial/USB, 4-slot Ethernet, 4-slot charge only, forklift; extensive line of Zebra-approved and validated printers; 4-slot battery charger; cable adapter module; snap-on magnetic stripe reader; modem module; full set of holsters; full set of cables; Zebra approved CAC Reader for government apps	

REGULATORY	
Visit <a href="http://www.zebra.com/mc9200">www.zebra.com/mc9200</a> for regulatory information.	
RECOMMENDED SERVICES	
Zebra <i>OneCare</i>	

## THE MC9200 IS AT HOME IN...

### Warehousing/Distribution

- Inventory counts
- Replenishment
- Process management

### Retail

- Price verification
- Inventory counts
- Replenishment
- Price management
- Telephony, walkie-talkie and speakerphone

### Manufacturing

- System monitoring/ dashboard
- Inventory counts
- Replenishment
- Process management

### Government (Federal)

- Maintenance (MRO, safety and weapons inspections, fleet tracking, vehicle maintenance)
- Asset tracking and visibility (IT assets, military supply chain, inventory control)

### Government (State, Local and Public Safety)

- Asset management (inventory, MRO, audit)
- Inspections/maintenance
- Security screening/mobile data access
- Code enforcement: building permits, health, fire, sanitation
- Fleet management
- Secure freight tracking

### Airlines

- Asset management (inventory, baggage tracking)
- Inspections/maintenance
- Fleet management
- Secure freight tracking



**NA and Corporate Headquarters**  
+1 800 423 0441  
[inquiry4@zebra.com](mailto:inquiry4@zebra.com)

**Asia-Pacific Headquarters**  
+65 6858 0722  
[contact.apac@zebra.com](mailto:contact.apac@zebra.com)

**EMEA Headquarters**  
[zebra.com/locations](http://zebra.com/locations)  
[mseurope@zebra.com](mailto:mseurope@zebra.com)

**Latin America Headquarters**  
+1 847 955 2283  
[la.contactme@zebra.com](mailto:la.contactme@zebra.com)