



## The Zebra Warehousing Mobile Computing Portfolio











### The Zebra Mobile Warehouse Portfolio

When you choose Zebra, you get the peace of mind that comes with choosing an industry leader with well-tested and well-proven solutions as your technology partner. Every day, Zebra's Mobile Warehouse Solutions help organizations of every size proactively respond to customer demand, increase supply chain efficiency and successfully compete in today's fast-paced environment.

## A rugged design and industry leading ergonomics

While our devices are built to handle the demands of your toughest warehouse environments, they are also built for user comfort. You get reliable operation, even if the devices are dropped on concrete or used in driving rain, snow, summer heat, extreme winter cold, an industrial freezer or dusty warehouse.

#### Industry-leading ergonomics from our awardwinning Industrial Design team

Our rugged devices never compromise on comfort. Every one of our devices is built with the user in mind, with features that make it easy for your workers to hold and use our devices, all day long — our devices are well balanced, easy to securely hold without fatiguing, with keys that are sized and placed for easy one-handed operation and the intelligence to automatically adjust display lighting and sound to match environmental conditions.\*

## Anywhere, anytime capture of virtually any type of data

With the ability to capture 1D and 2D bar codes (including GS1), direct part marks (DPM), photos, videos, signatures, documents, even RFID, Zebra mobile computers can capture whatever type of data is in use in your environment today — and tomorrow.

## Zebra's unrivaled bar code scanning technology

The warehouse can be a tough place for bar codes; they get dirty, scuffed and hard to read. As the inventor of the entire bar code industry, we offer high performance 'scan and go' simplicity, able to capture even damaged and poorly printed bar codes without aligning bar code and scanner window.

## Easy centralized remote management of your Zebra and non-Zebra mobile devices and their peripherals

Get your devices up and running, update applications, monitor the health of all devices and troubleshoot and resolve device issues — all without ever touching your mobile devices.

## Industry leading service plans that cover everything — period

With our optional Zebra *OneCare* Support Services support plan, you get a unique all-inclusive program that sets the standard for post-deployment support. Not only does it cover normal wear and tear, it also covers internal and external components damaged through accidental breakage, as well as accessories that are included in the box. The result? No more unforeseen repair expenses to unexpectedly hit your budget — or increase the total cost of ownership (TCO).

#### Security you can count on

Our Mobile Security Suite allows you to add the same security features that protect your wired and wireless network to your mobile devices — from a firewall to intrusion prevention, enforced authentication, data encryption, mobile VPNs for government grade security and more.

### Extraordinary control over the mobile device feature set

With Zebra Technologies' AppCenter, you choose which device features your workers can access, preventing personal use of devices — and protecting worker productivity.

## Easy and cost-effective application development and deployment

Our vast partner ecosystem offers ready-to-go and custom best-in-class applications to streamline virtually any business process in your warehouse operations. In addition, with Zebra Technologies' RhoMobile Suite, you can create one version of an application that can run on any device in your warehouse — regardless of operating system or screen size. Applications look, feel and act the same on all devices and can take advantage of whatever feature set is on each device. The result is a pure application simplicity that dramatically reduces application development and management time and cost. And with our Terminal Emulation application, your users can access your mainframe applications right out of the box.

 $<sup>^{\</sup>ast}\,$  Available ergonomic features vary by device and device type.

		Handheld Mobile Computer	rs		
	TC70	OMNII XT15	MC9500-K	WORKABOUT PRO 4	
	zebra.com/TC70	zebra.com/OMNIIXT15	zebra.com/MC9500	zebra.com/workaboutpro4	
General Description					
Device Highlights	<ul> <li>Rugged all touch handheld</li> <li>Dual-mode, large 4.7 in touch panel</li> <li>Comprehensive 1D/2D data capture</li> <li>Supports PTT out of the box</li> <li>VoIP client ready for PBX functionality (North America)</li> <li>Robust accessory family</li> <li>Wi-Fi</li> </ul>	Extreme industrial rugged design     Standard, freezer and     non-incendiary models     Supports voice and data     Most demanding applications     Cellular, Wi-Fi and Narrowband     Modular design, field     upgradable	<ul> <li>Extreme rugged design</li> <li>Demanding applications</li> <li>Supports voice and data</li> <li>Cellular and Wi-Fi</li> </ul>	<ul> <li>Full and short size models</li> <li>Modular for superior ROI — add virtually any feature on site (no need for depot return)</li> <li>8 MP Camera</li> <li>Long range scanning option</li> <li>Demanding environments</li> <li>Three RFID options: HF, LF and UHF</li> </ul>	
Applications					
Picking	•	•	•	•	
Receiving and put-away	•	•	•	•	
Cross-docking	•	•	•	•	
Shipping	•	•	•	•	
Packing	•	•	•	•	
Returns	•	•	•	•	
Manager dashboard	•	•	•	•	
User and Application Consid	derations				
Weight	13.3 oz./376 g	XT15: 21.44 oz./610 g XT15 Freezer: 29.4 oz./834 g	22 oz./623 g	Short: 16.2 oz./461 g Long: 18.6 oz./526 g	
Display	4.7 in. color HD touchscreen	3.7 in. VGA color touchscreen	3.7 in. VGA color touchscreen	3.7 in. VGA	
Processor	1.7 GHz	800 MHz	806 MHz	1 GHz	
Keypad	On-screen (virtual keypad)	59-key alpha; 55-key alpha; 66-key QWERTY; 36-key numeric; 34-key numeric	Alpha primary; numeric telephony, numeric calculator, alphanumeric	Alphanumeric (long model); QWERTY or Numeric (short model)	
Bar code scanning and data capture	1D/2D, extended range; 8 MP color camera; NFC	Optional 1D, 2D, 3 MP color camera	1D, 2D, 3 MP color camera	1D, 2D, long range scanning	
Cellular connectivity	No	Optional: 2.5G GSM/GPRS/EDGE; 3.8G HSPA+	Modular 3.5G Dual-WAN (GSM HSUPA and CDMA EVDO Rev A)	Optional UMTS/HSPA+ WAN radio <sup>2</sup> with GPS receiver	
Wi-Fi	802.11a/b/g/n/d/h/i	IEEE 802.11a/b/g/n	802.11a/b/g	802.11a/b/g/n	
Narrowband	No	UHF bands: 403 - 470 MHz	No	No	
Bluetooth	•	•	•	•	
Voice support	Workforce Connect PTT Express Workforce Connect Voice Client*	Cellular and VoWLAN	Cellular and VoWLAN	Push-to-Talk — VoIP over Wi-Fi <sup>3</sup>	
Extra security features	User authentication and lockdown	User authentication and lockdown	FIPS 140-2 certification		
Other features	ShareCradle, trigger handle, MSR reader and DEX cable	Optional GPS; optional HF RFID reader	GPS; Integrated UHF tag for asset tracking	Modular LF/HF/UHF RFID attachments	
Rugged Design					
Drop Tested	6 ft./1.8 m	6.5 ft./2 m	6 ft./1.8 m	6 ft./1.8 m	
Tumble Tested	2,000 3.28 ft./1.0 m tumbles		4,000 3.28 ft./1 m tumbles		
Sealing	IP67	IP67/IP65/IEC 60529	IP67	IP65	
Operating Temperature	-4° to 122° F/-20° to 50° C	XT15, XT15ni and XT15F Chiller: -4° to 122° F/-20° to 50° C XT15F Artic: -22° to 122° F/-30° to 50° C	-4° to 122° F/-20° to 50° C	-4° to 122° F/-20° to 50° C	
Shock and Vibration Tested	Yes	Yes	Yes	Yes	

<sup>\*</sup> Supported in North America.

# MC3200-R/S





MC2100



**OMNII XT15** 





zebra.com/MC3200

zebra.com/MC2100

zebra.com/OMNIIXT15

zebra.com/MC9200

MC9200

#### **General Description**

#### **Device Highlights**

- · Rugged handheld
- Supports voice and data
- Two models: small and light straight shooter (S) or adjustable rotating scanning head (R)
- · Choice of operating systems: Windows Embedded Compact 7.0 (Standard or Premium¹) or Android 4.1 (Premium)
- · Rugged handheld
- Supports voice and data
- Lightweight and optimized for one-hand use
- · Value-priced
- Extreme industrial rugged design
- · Gun-style ergonomics for scanning-intensive apps
- · Standard, freezer and non-incendiary models
- Supports voice and data
- Long range scanning options
- Three scan engine options and nine keyboard options all field upgradeable
- · Very rugged handheld
- Gun-style ergonomics for scanning-intensive apps
- · Supports voice and data
- Available in WEH 6.5.3, Windows CE 7 or Android 4.4.4
- Long range scanning options
- Superior customization: seven scan engine options and six interchangeable keypads
- · Power to support next generation mobile applications

Applications				
Picking	•	•	•	•
Receiving and put-away	•	•	•	•
Cross-docking	•	•	•	•
Shipping	•	•	•	•
Packing	•	•	•	•
Returns	•	•	•	•
Manager dashboard	•		•	•
Jser and Application Cons	siderations			
Veight	R: 13.13 oz./372 g; S: 12.88 oz./365 g	8.32 oz./236 g	29.42 oz./834 g	27 oz./765 g
Display	3 in. color TFT touchscreen	2.8 in. QVGA, touchscreen option	3.7 in. VGA color touchscreen	3.7 in. VGA color touchscreen
Processor	Standard: 800 MHz dual core Premium: 1 GHz dual core	624 MHz	800 MHz	Dual core 1 GHz
(eypad	28-key numeric; 38-key shifted alpha, 48-key alphanumeric	27-key numeric	59-key alpha; 55-key alpha; 66-key QWERTY; 36-key numeric; 34-key numeric	Six interchangeable keypads: 28-, 43- and 53-key; Terminal Emulation (5250, 3270, VT)
Bar code scanning and data capture	1D, 2D, HD (high density)	1D, 2D	Optional 1D, 2D, long range scanning/ imaging plus 3 MP color camera	1D, 2D, DPM, long range scanning/imaging
Cellular connectivity	No	No	Optional: 2.5G GSM/GPRS/EDGE; 3.8G HSPA+	No
Vi-Fi	802.11a/b/g/n	802.11b/g/n	802.11a/b/g/n	Android - 802.11 a/b/g/n/d/h/i/k WinCE/WEH - 802.11 a/b/g/n/d/h
larrowband	No	No	UHF bands: 403 - 470 MHz	No
lluetooth	•	•	•	•
oice support	VoWLAN	VoWLAN	Push-to-talk and VoWLAN	VoWLAN
xtra security features	FIPS 140-2 certification⁴		User authentication and lockdown	FIPS 140-2 certification
Other features			Optional GPS; optional HF RFID reader	Integrated UHF RFID tag for asset tracking
Rugged Design				
Prop Tested	5 ft./1.5 m	4 ft./1.2 m	6.5 ft./2 m	6 ft./1.8 m
umble Tested	1,000 1.64 ft./0.5 m tumbles	1,000 1.64 ft./0.5 m tumbles		4,000 3.28 ft./1 m tumbles
ealing	IP54	IP54	IP67/IP65/IEC 60529	IP64
perating Temperature	-4° to 122° F/-20° to 50° C	14° F to 122° F/-10° to 50° C	XT15, XT15ni and XT15F Chiller: -4° to 122° F/-20° to 50° C XT15F Artic: -22° to 122° F/-30° to 50° C	-4° to 122° F/-20° to 50° C
Shock and Vibration	Yes	Yes		Yes

#### **Gun-Style Handheld Mobile Computers (cont.)**

#### **RFID Gun-Style Handheld Mobile Computers**

#### **Enterprise Tablets**

#### MC3200-G MC9190-Z RFID ET50/55 ET1







zebra.com/MC9190Z



zebra.com/ET5X



zebra.com/ET1

#### **General Description**

#### **Device Highlights**

- Rugged handheld
- · Gun-style ergonomics for scanning-intensive apps
- Supports voice and data
- · Choice of Windows Embedded Compact 7.0 (Standard or Premium) or Android 4.1 (Premium)
- · Very rugged handheld
- · Gun-style ergonomics for scanning-intensive apps
- Robust RFID locationing technology — unique combination of audible and visual cues enable easy pin-point location instead of general proximity
- Long range scanning options
- Rugged and ready for inside and outside use
- Truly enterprise-ready tablet
- Enterprise-class 1D/2D bar code scanning
- Available in 8.3 and 10.1 in. displays
- Supports Android 5.1 and Windows Industry Embedded 8.1 Pro
- As sleek and easy to use as popular consumer tablets, yet loaded with enterprise features that deliver durability, security, manageability, flexibility and more
- · Comprehensive line of enterprise accessories
- Wi-Fi and 4G LTE

- Truly enterprise-ready Android tablet
- As sleek and easy to use as popular consumer tablets, yet loaded with enterprise features that deliver durability, security, manageability, flexibility and more
- Wi-Fi for anywhere on-premise connectivity

Applications				
Picking	•	•		
Receiving and put-away	•	•	•	•
Cross-docking	•	•		
Shipping	•	•		
Packing	•	•		
Returns	•	•	•	•
Manager dashboard			•	•
User and Application Cons	iderations			
Weight	18 oz./509 g	35.4 oz./1 kg	1.2 lbs./.555 g; 10.1: 1.55 lbs./750 g	1.4 lbs/.63 kg
Display	3 in. color TFT touchscreen	Touchscreen 3.7 in. VGA color	8.3 in. and 10.1 in. with Corning Gorilla Glass 3; outdoor viewable	Capacitive multi-touch 7 in. with Corning® Gorilla® Glass
Processor	Standard: 800 MHz dual core Premium: 1 GHz dual core	806 MHz	Intel quad core 2.4 GHz (Windows); 1.9 GHz (Android)	Dual core 1 GHz each plus graphics accelerator
Keypad	28-key numeric; 38-key shifted alpha, 48-key alphanumeric	28, 43 and 53-key options	Virtual; Bluetooth	Virtual; Bluetooth
Bar code scanning and data capture	1D, 2D, HD (high density)	1D extended range 1D, 2D, RFID, imaging	1D, 2D, photos, video, signatures, documents	1D, 2D, photos, video, signatures, documents
Cellular connectivity	No	No	Yes	Yes
Wi-Fi	802.11a/b/g/n	802.11a/b/g	802.11a/b/g/n/k/r	802.11a/b/g/n
Narrowband	No	No	No	No
Bluetooth	•	•	• (Bluetooth® SMART)	•
Voice support	VoWLAN	N/A	N/A	VoWLAN
Extra security features	FIPS 140-2 certification <sup>4</sup>	FIPS 140-2 certification	N/A	
Other features		Robust pin-point item locationing technology	Innovative expansion back for peripherals	Swivel handstrap rotates 360° for easy portrait to landscape rotation
Rugged Design				
Drop Tested	5 ft./1.5 m	6 ft./1.8 m	3.28 ft./1 m; 5.9 ft./1.8 m with optional rugged frame	4 ft./1.2 m
Tumble Tested	1,000 1.64 ft./0.5 m tumbles	4,000 1.64 ft./0.5 m tumbles		N/A
Sealing	IP54	IP64	IP65	IP54
Operating Temperature	-4° to 122° F/-20° to 50° C	-4° to 122° F /-20° to 50° C	32° F to 122° F/0° C to 50° C	32° to 122° F /0° to 50° C
Shock and Vibration	Yes			Yes

#### **Vehicle Mount Mobile Computers**

8585/8595 VH10 **VC70N0** 







zebra.com/VH10

zebra.com/VC70N0

#### zebra.com/8585

#### **General Description**

#### **Device Highlights**

- Ultra-rugged fixed mount mobile computer for material handling vehicles
- Freezer-ready
- 8 in. half screen with integrated full alphanumeric keyboard; 12 direct Function keys for superior process automation
- Supports voice, data and bar code scanning via Zebra Technologies corded or cordless scanner
- Ultra-rugged fixed mount mobile computer for material handling vehicles
- Freezer-ready
- Powerful processor to handle graphics-rich applications
- · Large 10 in. screen for easy viewing of information-rich applications
- Supports voice, data and bar code scanning via Zebra Technologies corded
- Rugged fixed mount mobile computer for material handling vehicles
- Choice of Windows® XP or Windows® 7 operating system provides full PC functionality
- Freezer ready
- Supports voice and data
- Supports bar code scanning via Zebra Technologies corded or cordless scanner

		or cordless scanner	
Applications			
Picking	•		•
Receiving and put-away	•	•	•
Cross-docking	•	•	•
Shipping	•	•	•
Packing			•
Returns	•	•	•
Manager dashboard			
User and Application Conside	erations		
Weight	8.1 lbs./3.66 kg	9.4 lbs./4.3 kg	8585: 6.6 lb. / 3 kg 8595: 7.7 lb. / 3.5 kg
Display	8 in. color; 800 x 480 touchscreen; superbright 640 NITs	10.4 in. color XGA backlit touchscreen; 600 NITs	8585: 10.4 in. color SVGA 8595: 12.1 XGA
Processor	800 MHz	Dual Core 1 GHz	Choice of single core 1.1 GHz or dual core 1.0 GHz
Keypad	Full 67 key QWERTY or AZERTY	Three optional keyboards: Full 65-key QWERTY or AZERTY; 21-key side-mounted Numeric	72- and 82-key options
Bar code scanning and data capture	Bar code scanning via Zebra's cordless or corded scanners	Bar code scanning via Zebra's cordless or corded scanners	Bar code scanning via Zebra's cordless or corded scanners
Cellular connectivity	No	No	No
Wi-Fi	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n
Narrowband	UHF bands: 403 - 470 MHz	No	No
Bluetooth	•	•	
Voice support	VoWLAN	Voice picking, VoWLAN	Voice picking, VoWLAN
Extra security features			
Other features	Three heaters, temperature sensors, motion sensor, 30 programmable keys	Temperature, motion and light sensors	
Rugged Design			
Drop Tested	N/A (mounted)	N/A (mounted)	N/A (mounted)
Tumble Tested	N/A (mounted)	N/A (mounted)	N/A (mounted)
Sealing	IP66	IP66	IP66; IP67
Operating Temperature	-22° to 122° F/-30° to 50° C	-22° to 122° F/-30° to 50° C	-22° to 122° F /-30° to 50° C

#### **Wearable Mobile Computers**

#### WT41N0 WT41NO VOW





		000 000 E m	
	zebra.com/WT41N0	zebra.com/WT41N0VOW	
General Description			
Device Highlights	Rugged wearable     Hands-free design for maximum productivity in high-volume scanning environments     Hands-free text and voice-directed tasks     Compatible with corded and cordless wearable scanners	Rugged wearable     Hands-free design for maximum productivity in high-volume scanning environments     Simple, affordable tool for voice-directed tasks     Compatible with corded and cordless wearable scanners	
Applications			
Picking	•	•	
Receiving and put-away	•	•	
Cross-docking	•	•	
Shipping	•	•	
Packing	•	•	
Returns	•	•	
Manager dashboard			
User and Application Considerations			
Weight	11.3 oz./320 g	12.2 oz./346 g	
Display	Touchscreen 2.8 in. QVGA color	N/A	
Processor	Dual core 1 GHz	Dual core 1 GHz	
Keypad	23-key alphanumeric	N/A	
Bar code scanning and data capture	Bar code scanning via Zebra's wearable cordless or corded scanners	Bar code scanning via Zebra's wearable cordless or corded scanners	
Cellular connectivity	No	No	
Wi-Fi	802.11a/b/g/n	802.11a/b/g/n	
Narrowband	No	No	
Bluetooth	•	•	
Voice support	VoWLAN, voice picking via cordless or corded headset	VoWLAN, voice picking via corded or cordless headset	
Extra security features			
Other features	Comfortable hip or wrist mounting	Comfortable hip or wrist mounting	

4 ft./1.2 m

1,000 1.64 ft./0.5 m tumbles

IP54

-4° to 122° F /-20° to 50° C;

-22° to 122° F /-30° to 50° C\*

(\* with optional freezer pouch)

**Rugged Design Drop Tested** 

**Tumble Tested** 

**Operating Temperature** 

**Shock and Vibration** 

Sealing

4 ft./1.2 m

1,000 1.64 ft./0.5 m tumbles

IP54

-4° to 122° F /-20° to 50° C;

-22° to 122° F /-30° to 50° C\*

(\* with optional freezer pouch)

#### **Accessories: Wearable Scanners and Headset**

**RS419 RS507** RCH51







zebra.com/RS507



zebra.com/RCH51

#### **General Description**

#### **Device Highlights**

- · Tiny hands-free corded ring imager for 1D and 2D bar codes
- · Worn on the finger (with or without gloves)
- · Tiny hands-free Bluetooth wireless ring-style imager for 1D and 2D bar codes
- · Best-in-class scanning performance
- Most rugged ring-style scanner
- Two-finger design (can be
- Rugged cabled headset for hands-free voice-directed applications
- · Lightweight and comfortable
- · Compatible with WT4XXX, WT4XXX VOW, MC9500-K and

		worn with or without gloves)	other Zebra mobile computers
User and Application Cons	iderations		
Weight	2.0 oz./56.7 g	4.3 oz./121.4 g	3.9 oz./111 g
Bar code scanning and data capture	1D	1D, 2D	N/A
Corded or Cordless	Corded	Bluetooth cordless, Corded	Corded
Other features	Multiple field replaceable components	Multiple field replaceable components	Adjustable one-size-fits-all headband
Rugged Design			
Drop Tested	4 ft./1.2 m	6 ft./1.8 m	6 ft./1.8 m
Tumble Tested	None	None	1,000 1.64 ft./0.5 m tumbles
Sealing	IP54	IP54	IP67
Operating Temperature	-4° to 122° F/-20° to 50° C	-4° to 131° F/-20° to 55° C	-22° to 122° F/-30° to 50° C



## **TAILOR YOUR WEARABLE SOLUTION WITH A TINY AND LIGHTWEIGHT RING-STYLE SCANNER AND A RUGGED HEADSET** FOR VOICE PICKING.

- 1. MC3200 Premium models offer increased memory, faster processor and integrated sensor technology.
- 2. Data only in the Americas.

  3. In the Americas the Workabout Pro 4 is not approved to be used with any VoIP application using Wide Area Network (WAN) or Wireless Local Area Network (WLAN).
- 4. FIPS 140-2 certified for Android. Embedded Compact 7.

