



ZEBRA

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 award-winning 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.

* Available ergonomic features vary by device and device type.

Handheld Mobile Computers

TC70



zebra.com/TC70

OMNII XT15



zebra.com/OMNIIXT15

MC9500-K



zebra.com/MC9500

WORKABOUT PRO 4



zebra.com/workaboutpro4

General Description

Device Highlights

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> • Rugged all touch handheld • Dual-mode, large 4.7 in touch panel • Comprehensive 1D/2D data capture • Supports PTT out of the box • VoIP client ready for PBX functionality (North America) • Robust accessory family • Wi-Fi | <ul style="list-style-type: none"> • 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 style="list-style-type: none"> • Extreme rugged design • Demanding applications • Supports voice and data • Cellular and Wi-Fi | <ul style="list-style-type: none"> • Full and short size models • Modular for superior ROI — add virtually any feature on site (no need for depot return) • 8 MP Camera • Long range scanning option • Demanding environments • Three RFID options: HF, LF and UHF |
|--|---|--|--|





Applications





Picking	•	•	•
Receiving and put-away	•	•	•
Cross-docking	•	•	•
Shipping	•	•	•
Packing	•	•	•
Returns	•	•	•
Manager dashboard	•	•	•

User and Application Considerations

Weight	13.3 oz./376 g	XT15: 21.44 oz./610 g XT15 Freezer: 29.4 oz./834 g	22 oz./623 g
Display	4.7 in. color HD touchscreen	3.7 in. VGA color touchscreen	3.7 in. VGA color touchscreen
Processor	1.7 GHz	800 MHz	806 MHz
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
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
Cellular connectivity	No	Optional: 2.5G GSM/GPRS/EDGE; 3.8G HSPA+	Modular 3.5G Dual-WAN (GSM HSUPA and CDMA EVDO Rev A)
Wi-Fi	802.11a/b/g/n/d/h/i	IEEE 802.11a/b/g/n	802.11a/b/g
Narrowband	No	UHF bands: 403 - 470 MHz	No
Bluetooth	•	•	•
Voice support	Workforce Connect PTT Express Workforce Connect Voice Client*	Cellular and VoWLAN	Cellular and VoWLAN
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
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
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
Shock and Vibration Tested	Yes	Yes	Yes

* Supported in North America.

	Handheld Mobile Computers (cont.)		Gun-Style Handheld Mobile Computers	
	MC3200-R/S	MC2100	OMNII XT15	MC9200
				
	zebra.com/MC3200	zebra.com/MC2100	zebra.com/OMNIIXT15	zebra.com/MC9200
General Description				
Device Highlights	<ul style="list-style-type: none"> 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 Premium) or Android 4.1 (Premium) 	<ul style="list-style-type: none"> Rugged handheld Supports voice and data Lightweight and optimized for one-hand use Value-priced 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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	•		•	•
User and Application Considerations				
Weight	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
Keypad	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
Wi-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/r WinCE/WEH - 802.11 a/b/g/n/d/h/i
Narrowband	No	No	UHF bands: 403 - 470 MHz	No
Bluetooth	•	•	•	•
Voice support	VoWLAN	VoWLAN	Push-to-talk and VoWLAN	VoWLAN
Extra security features	FIPS 140-2 certification ⁴		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				
Drop Tested	5 ft./1.5 m	4 ft./1.2 m	6.5 ft./2 m	6 ft./1.8 m
Tumble 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
Sealing	IP54	IP54	IP67/IP65/IEC 60529	IP64
Operating 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/MC3200	zebra.com/MC9190Z	zebra.com/ET5X	zebra.com/ET1
General Description				
Device Highlights	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> Very rugged handheld Gun-style ergonomics for scanning-intensive apps Robust RFID locating technology — unique combination of audible and visual cues enable easy pin-point location instead of general proximity Long range scanning options 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 Considerations				
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 ⁴	FIPS 140-2 certification	N/A	
Other features		Robust pin-point item locating 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

VH10



zebra.com/VH10

VC70N0



zebra.com/VC70N0

8585/8595



zebra.com/8585

General Description

Device Highlights

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 or cordless scanner | <ul style="list-style-type: none"> • 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 |
|---|--|--|

Applications

Picking	•	•
Receiving and put-away	•	•
Cross-docking	•	•
Shipping	•	•
Packing		•
Returns	•	•

Manager dashboard

User and Application Considerations

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
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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
Shock and Vibration	Yes	Yes	Yes

Wearable Mobile Computers

WT41NO



zebra.com/WT41NO

WT41NO VOW



zebra.com/WT41NOVOW

General Description

Device Highlights

- | | |
|---|---|
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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
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Rugged Design

Drop Tested	4 ft./1.2 m	4 ft./1.2 m
Tumble Tested	1,000 1.64 ft./0.5 m tumbles	1,000 1.64 ft./0.5 m tumbles
Sealing	IP54	IP54
Operating Temperature	-4° to 122° F /-20° to 50° C; -22° to 122° F /-30° to 50° C* (* with optional freezer pouch)	-4° to 122° F /-20° to 50° C; -22° to 122° F /-30° to 50° C* (* with optional freezer pouch)
Shock and Vibration	Yes	Yes

Accessories: Wearable Scanners and Headset

RS419



zebra.com/RS419

RS507



zebra.com/RS507

RCH51



zebra.com/RCH51

General Description

Device Highlights

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Tiny hands-free corded ring imager for 1D and 2D bar codes • Worn on the finger (with or without gloves) | <ul style="list-style-type: none"> • 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 worn with or without gloves) | <ul style="list-style-type: none"> • Rugged cabled headset for hands-free voice-directed applications • Lightweight and comfortable • Compatible with WT4XXX, WT4XXX VOW, MC9500-K and other Zebra mobile computers |
|---|--|--|

User and Application Considerations

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.



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