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 Service from the Start with Comprehensive Coverage 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 Zebras' 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	Omnii XT15	MC9500-K	Workabout Pro 4
	zebra.com/tc70	zebra.com/omniixt15	zebra.com/mc9500k	zebra.com/workaboutpro4

GENERAL DESCRIPTION

	TC70	Omnii XT15	MC9500-K	Workabout Pro 4
Device Highlights	• 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	• 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	• Extreme rugged design • Demanding applications • Supports voice and data • Cellular and Wi-Fi	• 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

	TC70	Omnii XT15	MC9500-K	Workabout Pro 4
Picking	•	•	•	•
Receiving and put-away	•	•	•	•
Cross-docking	•	•	•	•
Shipping	•	•	•	•
Packing	•	•	•	•
Returns	•	•	•	•
Manager dashboard	•	•	•	•

USER AND APPLICATION CONSIDERATIONS

	TC70	Omnii XT15	MC9500-K	Workabout Pro 4
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[2] 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[3]
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

	TC70	Omnii XT15	MC9500-K	Workabout Pro 4
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		4000 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

* Supported in North America.

	HANDHELD MOBILE COMPUTERS (CONT.)		GUN-STYLE HANDHELD MOBILE COMPUTERS	
	MC3200-R/S	**MC2100**	**Omnii XT15**	**MC9200/MC9190-G**
	zebra.com/mc3200	zebra.com/mc2100	zebra.com/omniixt15	zebra.com/mc9200 zebra.com/mc9190

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
• Long range scanning options
• Superior customization: six 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	MC9200: Dual core 1GHz MC9190-G: 806 MHz
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	MC9200: 802.11a/b/g/n MC9190-G: 802.11a/b/g
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 TABLET
	MC3200-G	**MC9190-Z RFID**	**ET1**
	zebra.com/mc3200	zebra.com/mc9190g	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 | • 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	1.4 lbs/.63 kg
Display	3 in. color TFT touchscreen	Touchscreen 3.7 in VGA color	Capacitive multi-touch 7 in. with Corning® Gorilla® Glass
Processor	Standard: 800 MHz dual core Premium: 1 GHz dual core	806 MHz	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
Bar code scanning and data capture	1D, 2D, HD (high density)	1D extended range 1D, 2D, RFID, imaging	1D, 2D, photos, video, signatures, documents
Cellular connectivity	No	No	Yes
Wi-Fi	802.11a/b/g/n	802.11a/b/g	802.11a/b/g/n
Narrowband	No	No	No
Bluetooth	•	•	•
Voice support	VoWLAN	N/A	VoWLAN
Extra security features	FIPS 140-2 certification[4]	FIPS 140-2 certification	
Other features		Robust pin-point item locationing technology	Swivel handstrap rotates 360° for easy portrait to landscape rotation

RUGGED DESIGN

Drop Tested	5 ft./1.5 m	6 ft./1.8 m	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	IP54
Operating Temperature	-4° to 122° F/-20° to 50° C	-4° to 122° F /-20° to 50° C	32° to 122° F /0° to 50° C
Shock and Vibration	Yes		Yes

VEHICLE MOUNT MOBILE COMPUTERS

	VC5090	VC6090	VH10	VC70N0
	zebra.com/vc5090	zebra.com/vc6090	zebra.com/vh10	zebra.com/vc70n0

GENERAL DESCRIPTION

Device Highlights	• Rugged fixed mount mobile computer for materials handling vehicles • Freezer ready • Large 12.1 in. screen for easy viewing of data-heavy applications • Supports voice picking • Supports bar code scanning via Zebra corded or cordless scanners	• Rugged fixed mount mobile computer • Small form factor for tight-spaced lift trucks and carts • Supports voice, data and bar code scanning via Zebra's corded or cordless scanner	• 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 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 corded or cordless scanner

APPLICATIONS

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

USER AND APPLICATION CONSIDERATIONS

Weight	14.5 lbs./6.85kg	4.85 lbs/2.2 kg	8.1 lbs./3.66 kg	9.4 lbs/4.3 kg
Display	12.1 in. SVGA	6.5 in color VGA touchscreen	8 in. color; 800 x 480 touchscreen; super-bright 640 NITs	10.4 in. color XGA backlit touchscreen; 600 NITs
Processor	624 MHz	624 MHz	800 MHz	Dual Core 1GHz
Keypad	Full heated and sealed 65-key QWERTY or AZERTY	QWERTY 65-key	Full 67 key QWERTY or AZERTY	Three optional keyboards: Full 65-key QWERTY or AZERTY; 21-key side-mounted Numeric
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	Bar code scanning via Zebra's cordless or corded scanners
Cellular connectivity	No	No	No	No
Wi-Fi	802.11a/b/g	802.11a/b/g	802.11a/b/g/n	802.11a/b/g/n
Narrowband	No	No	UHF bands: 403 - 470 MHz	No
Bluetooth	•	•	•	•
Voice support	Voice picking, VoWLAN	Voice picking, VoWLAN	VoWLAN	Voice picking, VoWLAN
Extra security features				
Other features	Heated screen		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)	N/A (mounted)
Tumble Tested	N/A (mounted)	N/A (mounted)	N/A (mounted)	N/A (mounted)
Sealing	IP66	IP64	IP66	IP66
Operating Temperature	-22° to 122° F/-30° to 50° C	-4° to 140° F/-20° to 60° C	-22° to 122° F/-30° to 50° C	-22° to 122° F/-30° to 50° C
Shock and Vibration	Yes	Yes	Yes	Yes

	VEHICLE MOUNT MOBILE COMPUTERS		WEARABLE MOBILE COMPUTERS	
	8515	**8585/8595**	**WT41N0**	**WT41N0 VOW**
	zebra.com/8515	zebra.com/8585 zebra.com/8595	zebra.com/wt41n0	zebra.com/wt41n0vow

GENERAL DESCRIPTION

Device Highlights	• Rugged fixed mount mobile computer for material handling vehicles • 6.4 in. screen with integrated full alphanumeric keyboard and 10 direct Function keys for superior process automation • Supports voice and data • Supports bar code scanning via Zebra corded or cordless scanner	• 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 corded or cordless scanner	• 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	2.9 lbs./1.31 kg	8585: 6.6 lb / 3 kg 8595: 7.7 lb / 3.5 kg	11.3 oz./320 g	12.2 oz./346 g
Display	6.4 in. color VGA	8585: 10.4 in. color SVGA 8595: 12.1 XGA	Touchscreen 2.8 in. QVGA color	N/A
Processor	312 MHz	Choice of single core 1.1 GHz or dual core 1.0 GHz	Dual core 1 GHz	Dual core 1 GHz
Keypad	58-key alphanumeric	72- and 82-key options	23-key alphanumeric	N/A
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 wearable cordless or corded scanners	Bar code scanning via Zebra's wearable cordless or corded scanners
Cellular connectivity	No	No	No	No
Wi-Fi	802.11b/g	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n
Narrowband	No	No	No	No
Bluetooth	•		•	•
Voice support	Voice picking, VoWLAN	Voice picking, VoWLAN	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

RUGGED DESIGN

Drop Tested	N/A (mounted)	N/A (mounted)	4 ft./1.2 m	4 ft./1.2 m
Tumble Tested	N/A (mounted)	N/A (mounted)	1,000 1.64 ft./0.5 m tumbles	1,000 1.64 ft./0.5 m tumbles
Sealing	IP65	IP66; IP67	IP54	IP54
Operating Temperature	-4° to 122° F /-20° to 50° C	-22° to 122° F /-30° to 50° C	-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	Yes	Yes

ACCESSORIES: WEARABLE SCANNERS AND HEADSET

	RS419	RS507	RCH51
	zebra.com/rs419	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 worn with or without gloves)	Rugged cabled headset for hands-free voice-directed applications Lightweight and comfortable Compatible with WT4XXX, WTXXX VOW, MC9500-K, MC3100 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 will be certified in Q4 2014.

⁙ ZEBRA