PRODUCT SPEC SHEET
ZEBRA MC2100 SERIES



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INVENTORY MANAGEMENT FOR THE VALUE-CONSCIOUS ENTERPRISE

From the sales floor to the backroom, the Zebra MC2100 mobile computer has what it takes to affordably automate the capture of inventory data right at the point of work. Paper-based forms that need to be transcribed and manually entered into the computer are eliminated, reducing keying errors and improving productivity — workers can handle more tasks per day. With the value-priced MC2100, you get the features you need to get the job done. You can count on plenty of processing power, rugged design, superior ergonomics, flexible data capture options, enterprise-grade push-to-talk (PTT), plus centralized management. And support for Zebra Technologies RhoElements application development platform allows you to create cross-platform applications that work on different mobile computers with different operating systems.

Powerful scanning performance.
Choose the scan engine that will deliver the best performance on the types of data you need to capture. The MC2100 offers more choices than any other device in its class — a 1-D linear imager, a 1-D laser or a 1-D/2-D area imager — and all three scan engines can capture damaged, dirty and scuffed bar codes on the first scan.

Superior ergonomics for superior ease of use.
The lightweight MC2100 is designed for comfort and optimized for one-hand use. The sculpted finger perch on the back of the device gives users a secure hold. Keys are sized and placed for easy single-handed operation. The weight is well-balanced and the device feels surprisingly light in hand. Ten programmable keys give you the flexibility to create applications that make task execution as simple as pressing a single button. And a touchscreen option simplifies data collection, allowing users to tap the screen to navigate through applications and enter data instead of using the cursor pad and keying in information.

The rugged design for all day everyday use.
With a drop and tumble rating, IP54 sealing, a recessed keypad and a Corning® Gorilla® Glass exit window, the MC2100 keeps on working despite the inevitable drops, bumps and spills.

Real enterprise-class push-to-talk (PTT).
With the integrated Push-to-Talk (PTT) Express client, you can enable group broadcast and private response PTT the day your devices arrive. And since PTT Express is device agnostic, you can easily create a voice communications web that connects workers with different Zebra mobile devices that work on different networks — including third party smartphones and Zebra two-way radios. The result? Superior collaboration.

Create a single application version for the MC2100 — and your other Zebra mobile computers.
The MC2100 is compatible with Zebra Technologies RhoElements, making it the first value-priced rugged mobile computer to support HTML5, the foundation for the next generation of web-based applications. With RhoElements, you can create a single application that looks, feels and acts the same on Zebra mobile computers, regardless of whether it runs on the Android, Microsoft® Windows Mobile or Windows CE operating system. You no longer need to create and maintain separate applications for different operating systems. Developing and supporting applications has

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THE MC2100 IS DESIGNED FOR:

- Receiving
- Replenishment
- Picking
- Price management
- Inventory and asset tracking
- Work-in-process (WIP) tracking
- Returns processing
- Parcel/package delivery tracking (via Batch mode operation)

THE MC2100 SERIES

MC2180 WLAN/Bluetooth models:

- WLAN/Bluetooth with 2-D Imager
- WLAN/Bluetooth with 1-D Laser
- WLAN/Bluetooth with Linear Imager

MC2100 Batch Mode models :

- Batch with 1-D Laser
- Batch with Linear Imager

never been easier or more cost-effective. And you are free to choose the right device for each worker, regardless of operating system.

Best-in-class application performance.
The MC2100 offers the fastest processor and best memory combination in its class, providing all the power you need to give users a desktop-style application experience.

Easily manage your devices — from anywhere.
Whether you have one location or locations all around the world, Zebra's Mobile Device Management (MDM) solutions allows you to remotely stage, update, monitor and troubleshoot your Zebra mobile computers, driving the single largest mobility cost — device management — to an all-time low.

Protect your investment from the unexpected.
Service from the Start with Comprehensive Coverage delivers true business-class support, eliminating the cost of unforeseen repairs that can substantially increase the cost of mobility and reduce user productivity. This all-inclusive service covers normal wear and tear, internal and external components damaged through accidental breakage for the device and select accessories, making it easy to keep the MC2100 up, running and in the hands of your users.

START MANAGING YOUR INVENTORY MORE EFFICIENTLY WITH THE MC2100.

Find out how by visiting us on the web at **www.zebra.com/mc2100** or access our global contact directory at **www.zebra.com/contact**

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	6.76 in. H x 1.34 in. D x 2.40 in. W 171.7 mm H x 34.1 mm D x 60.9 mm W
Weight	WLAN with battery: 8.3 oz./234.7 g to 8.5 oz./240.7 g Batch with battery: 8.2 oz./231.7 g to 8.4 oz./237.7 g
Display	2.8 in. QVGA with backlight; TFT-LCD,64K colors
Touchpanel	Resistive touch panel (MC2180 only)
Keypad	27-key numeric; 2 programmable side buttons (MC2180 only); supports keypad overlays for localization and custom functions
Expansion Slot	User accessible Micro SDHC card slot (up to 32GB)
Connectivity	Wi-Fi 802.11b/g/n and Bluetooth (MC2180 only); USB 1.1 full speed host/client
Notification	LED and audible alert

PERFORMANCE CHARACTERISTICS

CPU	Marvell PXA 320 624 MHz

POWER

Battery	2400 mAh rechargeable Smart Li-Ion; user replaceable

DATA CAPTURE

Scanner Options	1-D linear imager, 1-D[1] laser, 1-D/ 2-D area imager (MC2180 only)
Exit Window	Corning® Gorilla® Glass

WIRELESS COMMUNICATIONS (MC2180 ONLY)

WLAN	802.11b/g/n
WLAN Security	WEP, WPA, WPA2, 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), CCXv4 certified
WPAN	Bluetooth Class II, v 2.0 with EDR; integrated antenna

VOICE AND AUDIO

Audio	Speaker and microphone (MC2180 only) Buzzer (MC2100 only)

Operating System	Microsoft® Embedded CE 6.0 Core & Pro (MC2180 Only) Editions
Memory	128 MB RAM/256 MB ROM; 256MB RAM/256MB ROM (MC2180 Only); user accessible microSD card slot (supports up to 32GB)

USER ENVIRONMENT

Operating Temp.	14° F to 122° F/-10° C to 50° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Drop Specification	4 ft./1.2 m to concrete at room temperature 4 ft./1.2 m drops per MIL STD 810G 3 ft./0.91 m to concrete across operating temperature
Tumble Specification	tumbles (1,000 hits) @ 1.64 ft./0.5 m
Sealing	IP54
Vibration	2Gs peak, 5Hz to 2kHz, 1 hour duration per axis
ESD	±15kVdc air discharge, ±8kv contact discharge

USER ENVIRONMENT (CONTINUED)

Humidity	5% to 95% non-condensing
Development Tools	Zebra Technologies RhoElements for cross platform applications; EMDK suite (C, .NET and Java)
Management Tools	Zebra's Mobile Device Management (MDM) solutions

[1] Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED[2]: 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

Push-to-Talk	PTT (client included); high quality speakerphone, wired headset support, PTT will support headset and speakerphone mode (MC2180 Only)
Voice Directed Picking	TekSpeech Pro Certified (MC2180 Only); Compatible with 3rd party VDP clients (MC2180 only)

PERIPHERALS AND ACCESSORIES

Accessories include: 1-slot docking USB charge cradle; 4-slot docking cradle charge only; 4-slot Ethernet cradle; 4-slot battery charger; USB sync/charge cable; power supply; modem adapter cable; holster; hand strap; lanyard; DC cable; battery

REGULATORY

For Regulatory information, please visit: www.zebra.com/mc2100

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the MC2100 Series 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: http://www.zebra.com/warranty

RECOMMENDED SERVICES

Managed Device Service; Service from the Start with Comprehensive Coverage

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