



ZEBRA

# MC40 Mobile Computer

## COOL CONSUMER-STYLING ON THE OUTSIDE — PURE INDUSTRIAL DESIGN ON THE INSIDE

This sleek smartphone-style device delivers everything your associates need to provide your customers with the best in service and boost associate efficiency. They can scan an item barcode to look up price, inventory availability, item location or product information; present a product comparison to help a customer with a buying decision; ring up the sale; complete a loyalty card application and even call virtually anyone in the store carrying any type of mobile device for help with a question — all without ever walking away from the customer. When it comes to keeping your store at its best, the MC40 helps associates complete price audits, markups and markdowns, replenish store shelves and more, faster than ever. Bluetooth® Smart offers the real-time locationing visibility you need to maximize workforce productivity. And while the MC40 offers the cool consumer look you want on the outside, you get the durability, data security and centralized management you need to achieve a true enterprise-class lifecycle — and low total cost of ownership.



### Real Business-class Durability

You get the durability that Zebra is famous for — the MC40 simply works, even if your employees drop it, bump it, use it in a dusty backroom or splash liquid on it. And Gorilla Glass improves the durability of three of the most vulnerable features — touch panel cover glass, scanner and camera exit windows.

### Mx — Making Android a More Robust Enterprise OS

Every MC40 ships with Mobility Extensions (Mx), a series of features that make Android a more robust enterprise-class operating system. Mx minimizes IT support time and maximizes worker productivity and device uptime by providing better control of your mobile devices, application access and Wi-Fi performance and security.

### Our Most Advanced Scan Technology

With our proprietary PRZM Intelligent Imaging technology, your workforce can expect unparalleled performance on just about any type of data imaginable — from 1D and 2D barcodes printed on paper or displayed on a mobile device to photos and fully searchable and editable documents. Even barcodes that are dirty, damaged or poorly printed are captured with laser-style speed. And the extra wide best-in-class working range and field of view, plus omnidirectional scanning make barcode capture easier than ever.

### Give Your Workers One Device for Voice and Data with Zebra-only Powerful Voice Solutions

Zebra's Workforce Connect PTT Express client is pre-installed, allowing your workers to use the MC40 as a two-way radio, right out of the box. And support for Workforce Connect Voice (optional) turns any MC40 into a mobile deskphone with robust PBX functionality.

### Comprehensive and Secure Payment Processing

The integrated magnetic stripe reader allows associates to scan a credit, gift or loyalty card. And with an encrypted head, information is never visible, helping meet PCI regulations.

### Rich Photographic Intelligence

The high-resolution 8 MP camera allows associates to easily document the condition

of an incoming shipment, a planogram, promotion compliance and more with the quick press of a button.

### Better Manage your Associate Workforce with Bluetooth Smart

Support for indoor locationing solutions like Zebra's MPact Platform allows you to monitor worker location to ensure proper staffing in every area of the store, send task lists based on location and more.

### Crystal Clear Voice Calls

A speaker with four times the loudness of popular smartphones and noise cancelling technology ensure crystal clear audio on both ends of a call.

### User Replaceable Battery for Guaranteed Full Shift Availability


An average of up to 8 to 10 hours of operation on a single charge virtually eliminates downtime due to a dead battery, increasing device utilization.

### A Wealth of Battery Metrics For Easy Battery Management


With smart battery technology, you have the real-time intelligence you need to prevent unplanned device downtime due to a dead or unhealthy battery, protecting worker productivity. Technology inside Zebra's PowerPrecision batteries tracks and maintains the metrics required to provide more meaningful battery statistics including cumulative charge cycle count, battery age, time to empty and time to charge.

# MC40 Specifications

## PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	With Magnetic Stripe Reader (MSR): 5.66 in. H x 2.87 in. W x 1.25 in. D 143.9 mm H x 72.8 mm W x 31.8 mm D Without Magnetic Stripe Reader: 5.66 in. H x 2.87 in. W x 0.79 in. D 143.91 mm H x 72.8 mm W x 20.1 mm D
<b>Weight with Battery</b>	With MSR: 9.38 oz./266.1 g Without MSR: 9.09 oz./257.7 g
<b>Display</b>	4.3 in. capacitive; 480 x 800; 450 NITS
<b>Touchpanel</b>	Capacitive dual-touch; Corning Gorilla Glass
<b>Backlight</b>	LED backlight
<b>Power</b>	 PowerPrecision 2680 mAh Li-Ion rechargeable battery
<b>Backup Battery<sup>1</sup></b>	NiMH battery (rechargeable) 15 mAh 3.6 V (not user accessible)
<b>Connectivity</b>	USB 2.0 OTG connector
<b>Notification</b>	LED, audio and vibration
<b>Keypad</b>	On-screen keypad
<b>Disinfectant Ready</b>	Yes (Healthcare version)
<b>Colors</b>	Silver, Healthcare Blue and White

## PERFORMANCE CHARACTERISTICS

<b>CPU</b>	1 GHz OMAP 4 dual core processor
<b>OS</b>	 Android 5.1 Lollipop with Zebra's Mobility Extensions (Mx)
<b>Memory</b>	1 GB RAM/8 GB pSLC Flash

## USER ENVIRONMENT

<b>Operating Temp.</b>	0° C to 40° C / 32° F to 104° F
<b>Storage Temp.</b>	-40° C to 70° C / -40° F to 158° F
<b>Humidity</b>	5% to 85% RH non-condensing
<b>Drop Specification</b>	Multiple 4 ft./1.2 m drops per MIL-STD 810G; multiple 3 ft./0.9 m drops to tile
<b>Tumble Specification</b>	500 1.6 ft/0.5 m tumbles; meets and exceeds IEC tumble specifications
<b>Sealing</b>	IP54
<b>ESD</b>	± 15kVdc air discharge, ± 8kVdc direct discharge, ± 2kVdc indirect discharge
<b>Corning Gorilla Glass</b>	Touchpanel; scanner exit window; camera exit window

## AUDIO

High-quality speakerphone, wireless (Bluetooth) headset support, PTT headset support, handset/speakerphone modes

## INTERACTIVE SENSOR TECHNOLOGY (IST)

<b>Motion Sensor</b>	3-axis accelerometer provides motion-sensing for dynamic screen orientation and power management
----------------------	--


## INTERACTIVE SENSOR TECHNOLOGY (CONTINUED)

<b>Light Sensor</b>	Automatically adjusts display backlight brightness
<b>Proximity Sensor</b>	Prevents unwanted key presses in handset mode

## DATA CAPTURE

<b>Imager</b>	SE4710
<b>Camera</b>	Rear-facing 8 MP auto-focus with aiming for barcode scanning and image capture
<b>Payment Transactions</b>	Integrated Magnetic Stripe Reader (MSR) with encrypted head (optional)
<b>Data Types</b>	1D/2D barcodes, photographs, video, signatures, documents; credit, loyalty and gift cards as part of a payment transaction (MSR model only)

## COMMUNICATION AND MESSAGING

 Workforce Connect PTT Express Client included for instant PTT calling right out of the box. Workforce Connect Voice Client Certified to enable PBX handset functionality and more inside the four walls. Supports Workforce Connect PTT Pro for more robust PTT functionality and Workforce Connect Messaging for text messaging over Wi-Fi and cellular networks.<sup>2,3</sup>

## WIRELESS LAN

<b>Radio</b>	Tri-mode IEEE® 802.11a/b/g/n/d/h/i/k/l <sup>4</sup>
<b>Security</b>	<i>Security Modes:</i> Legacy, WPA and WPA2 <i>Encryption:</i> WEP (40 and 128 bit), TKIP and AES <i>Authentication:</i> TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (PAP), PEAP (MS-CHAP v2), PEAP (GTC), FAST (MS-CHAP v2), FAST (GTC), LEAP. <i>Data in Motion:</i> FIPS 140-2 Level 1 <i>Data at Rest:</i> FIPS 140-2 Level 1
<b>Data Rates</b>	802.11b: 1, 2, 5.5, 11 Mbps 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65 Mbps 802.11n with SGI: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2 Mbps
<b>Fast Roam</b>	PMKID Caching, Opportunistic Key Caching (OKC), Cisco CCKM, 802.11r, Zebra Aggregated FT <sup>5</sup>
<b>Certifications</b>	Wi-Fi, CCxv4
<b>Operating Channels</b>	Chan 36-165 (5180 – 5825 MHz), Chan 1-13 (2412 - 2472 MHz); actual operating channels/frequencies depend on regulatory rules and certification agency

## WIRELESS PAN

Bluetooth Class II, v 2.1 with EDR; Bluetooth 4.0 (Bluetooth Smart)

## ADDITIONAL MOBILITY DNA SOLUTIONS



Mobility DNA solutions help you get more value out of our mobile computers by adding functionality as well as simplifying deployment and management of our mobile devices. For more information on these Zebra-only features, please visit [www.zebra.com/mobilitydna](http://www.zebra.com/mobilitydna)



AppGallery



EMDK



Enterprise Browser



SwipeAssist



StageNow

Mobility DNA is available on Android only. Features may vary by model and a Support Contract may be required. To learn what solutions are supported, please visit: <https://developer.zebra.com/mobilitydna>

## ACCESSORIES AND PERIPHERALS

Accessories include single and 5-slot charging cradles; single and 4-slot battery chargers; holster and a wearable carrying solution. BT connectivity to RS507 Ring Scanner. (Visit [www.zebra.com/mc40](http://www.zebra.com/mc40) for a complete list of accessories.)

## WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the MC40 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

Zebra OneCare ; Managed Device Services

1. Refer to the User Manual for charging recommendations.
2. Zebra Technologies Solutions devices require the complimentary Push-to-Talk Express client from Zebra; third party mobile devices require Zebra's Unified Retail Communications client; two-way radios require Zebra's Radio Link server.
3. Voice client supported in North America.
4. 802.11k not supported on Android Jelly Bean.
5. Zebra Aggregated FT not supported on Android Jelly Bean.

Specifications subject to change without notice.

