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 omni-directional 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 turns the MC40 into a two-way radio, right out of the box. And Workforce Connect Voice 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.

Standard and Professional Configurations to Meet Different Business Needs
The Standard Configuration includes Google Mobile Services (GMS) and Android for Work (AFW), providing integrated Google applications such as Gmail, while AFW adds more enterprise-class features to this leading operating system. The Professional Configuration ships without GMS and AFW, promoting greater privacy and security of personal information. Both configurations are built on Android Open Source (AOSP).

THE MC40 — THE NEW FACE OF RETAIL MOBILITY.

For more information about the MC40 Mobile Computer, visit www.zebra.com/mc40 or access our global contact directory at www.zebra.com/contact

MC40 Specifications

PHYSICAL CHARACTERISTICS

Dimensions	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
Weight with Battery	With MSR: 9.38 oz./266.1 g Without MSR: 9.09 oz./257.7 g
Display	4.3 in. capacitive; 480 x 800; 450 NITS
Touchpanel	Capacitive dual-touch; Corning Gorilla Glass
Backlight	LED backlight
Power	PowerPrecision 2680 mAh Li-Ion rechargeable battery
Backup Battery[1]	NiMH battery (rechargeable) 15 mAh 3.6 V (not user accessible)
Connectivity	USB 2.0 OTG connector
Notification	LED, audio and vibration
Keypad	On-screen keypad
Disinfectant Ready	Yes (Healthcare version)
Colors	Silver, Healthcare Blue and White

PERFORMANCE CHARACTERISTICS

CPU	1 GHz OMAP 4 dual core processor
OS	Android 5.1 Lollipop with Zebra's Mobility Extensions (Mx)[2]
Memory	1 GB RAM/8 GB pSLC Flash

USER ENVIRONMENT

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

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

INTERACTIVE SENSOR TECHNOLOGY (CONTINUED)

Light Sensor	Automatically adjusts display backlight brightness
Proximity Sensor	Prevents unwanted key presses in handset mode

DATA CAPTURE

Imager	SE4710
Camera	Rear-facing 8 MP auto-focus with aiming for barcode scanning and image capture
Payment Transactions	Integrated Magnetic Stripe Reader (MSR) with encrypted head (optional)
Data Types	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. [3,4]

WIRELESS LAN

Radio	Tri-mode IEEE® 802.11a/b/g/n/d/h/i/k/r[5]
Security	*Security Modes:* Legacy, WPA and WPA2 *Encryption:* WEP (40 and 128 bit), TKIP and AES *Authentication:* TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (PAP), PEAP (MS-CHAP v2), PEAP (GTC), FAST (MS-CHAP v2), FAST (GTC), LEAP. *Data in Motion:* FIPS 140-2 Level 1 *Data at Rest:* FIPS 140-2 Level 1
Data Rates	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
Fast Roam	PMKID Caching, Opportunistic Key Caching (OKC), Cisco CCKM, 802.11r, Zebra Aggregated FT[6]
Certifications	Wi-Fi, CCXv4
Operating Channels	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

- **AppGallery**
- **EMDK**
- **Enterprise Browser**
- **All-touch Terminal Emulation**[7]
- **StageNow**
- **SwipeAssist**

Available Mobility DNA features may vary by model.

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 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. MC40 configurations with Android KitKat and Jelly Bean OS are also available.
3. 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.
4. Voice client supported in North America.
5. 802.11k not supported on Android Jelly Bean
6. Zebra Aggregated FT not supported on Android Jelly Bean.
7. License required for All-touch Terminal Emulation.

Specifications subject to change without notice.

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