PRODUCT SPEC SHEET
MC45 MOBILE COMPUTER

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ENTERPRISE VALUE WITHOUT COMPROMISE FOR FIELD MOBILITY

Improve customer service and workforce productivity out in the field with the affordable MC45. Your field workforce is your daily touchpoint with your customers. Whether they are repairing equipment, writing up sales or picking up and delivering shipments, how well they are enabled to perform their jobs directly impacts your revenue, customer satisfaction, customer retention — and your growth potential. The MC45 is the affordable way to give your workers access to the real-time information needed to get the job done right, right on the spot — preventing lost sales and lost customers. The MC45 gives you the right mix of features and enterprise rugged design in a compact device that fits in your budget. Workers get sleek styling and one-handed operation, along with the features, durability, security and manageability your business demands. So whether your workforce needs to access maintenance history for a repair, reserve product for a specific delivery date to close a sale, reconcile shipments, process returns or capture proof of delivery, they'll do it faster and more accurately with the MC45. The result? A field team that is more efficient, able to deliver the kind of service that leads to satisfied, loyal customers.

Class-leading ergonomics
Zebra's award-winning Industrial Design team developed a pocketable device that is easy to hold, while key size, key placement and display size make it easy to see and easy to use.

True field durability
The MC45 is built for life out in the field, able to handle drops, bumps, spills, dust, vibration and the thermal shock that often occurs as workers travel from a climate controlled vehicle to the outdoors.

Advanced 1D scanning technology
Our industry-leading 1D scan engine with Adaptive ScanTM technology makes scan-intensive tasks easy — a broad scanning range allows the easy capture of bar codes from near contact to as far as 15 ft./4.5 m away, even if they are dirty, damaged or poorly printed.

"Inside-outside" wireless connectivity
Keep workers connected out on the road and in the office with 3.5G GSM HSDPA cellular and 802.11a/b/g Wi-Fi.

GPS services in more areas
Workers can count on dependable GPS access to real-time directions and geostamps that automatically capture information for applications — even in challenging urban areas, dense foliage or inside buildings.

Expand functionality with our complete accessory family
Our full family of desktop and vehicle charging cradles, holsters and cables makes it easy for users to manage the MC45 out on the road and in the depot. The MC45 can accept practically any type of payment — including Chip and PIN-based credit and debit cards — through Zebra's Mobile Payment Module. Bluetooth provides an easy wireless connection to third-party mobile printers, headsets and more.

ZEBRA

BOOST EFFICIENCY AND CUSTOMER SERVICE IN:

Field sales

- **Sales and pre-sales teams**
  - CRM
  - Sales/order tracking
  - Order taking
  - Appointment scheduling
  - Location-based services

Field service

- **Technicians**
  - Service automation
  - Inventory management
  - Part inventory management
  - Invoicing/signature capture
  - Task management
  - Order tracking
  - Location based services
  - Appointment scheduling

DSD/Route accounting

- **Pre-sales, delivery, vending, merchandiser, route drivers**
- Automated ordering
- Inventory reconciliation
- Delivery tracking
- Full service vending,
- Direct Exchange/ Uniform Communication Standard (DEX)
- Competitive surveys
- Shelf space analysis
- Route optimization

Transportation & Logistics

- **Route drivers**
  - Pick-up and delivery
  - Fleet management
  - Proof of delivery
  - Baggage and cargo tracking
  - Dispatch and dynamic routing

Comprehensive camera functionality
The integrated 3.2 MP color camera allows workers to capture practically any type of data to streamline business processes, including 2D bar codes, as well as photos and videos.

Best battery power in its class
With the most battery power in its class, the MC45 delivers plenty of power for a full shift — even in wireless or usage intensive environments.

Built-in support for OS-agnostic applications
Support for Zebra Technologies RhoMobile Suite enables the deployment of HTML5 based OS-agnostic applications, substantially reducing application development time and costs — a single application can run on mobile devices with different operating systems.

- Stock keeping
- Signature capture
- Receiving and shipping
- Maintenance and repair facilities

THE MC45 — A NEW LEVEL OF AFFORDABILITY FOR FIELD MOBILITY

For more information, visit **www.zebra.com/mc45** or access our global contact directory at **www.zebra.com/contact**

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	5.6 in. L x 2.6 in. W x 1.0 in. D 14.2 cm L x 6.6 cm W x 2.5 cm D
Weight	8.73 oz./247.4 g
Display	Outdoor-viewable 3.2 in. QVGA with backlight, 240 W x 320 L
Touchpanel	Polycarbonate analog resistive touch
Backlight	LE D backlight
Standard Battery	Rechargeable Lithium Ion 3.7V, 3080 mAh
Expansion Slot	User accessible 32 GB microSD slot with SDHC support
Network Connections	USB 2.0 High Speed (host and client), WLAN, WWAN and Bluetooth
Notification	Vibrator and audible tone plus multi-color LED
Keypad	26-key numeric
Voice and Audio	VoWWAN: handset mode with active noise reduction, high-quality speaker phone, Bluetooth wireless headset mode

PERFORMANCE CHARACTERISTICS

CPU	600 MHz, ARM 11 processor, MSM 7627

DATA CAPTURE

Camera	Autofocus 3.2 MP with user-controllable flash; supports integrated 1D/2D bar code capture
1-D Laser Scanner	1-D* laser with Adaptive Scan technology

*** Please refer to the MC45 User Guide or Integrator Guide for full data capture specifications.**

WIRELESS WAN DATA AND VOICE COMMUNICATIONS

Radio	3.5G HSDPA, Quad-Band GPRS/ EDGE
Frequency Band	GSM – Quad Band : 850/900/1800/ 1900 MHz UMTS/HSDPA – Americas: 850/ 1900 MHz UMTS/HSDPA – Rest of the world: 2100 MHz
GPS	Integrated, Autonomous and Assisted-GPS (A-GPS)

WIRELESS LAN DATA AND VOICE COMMUNICATIONS

Radio	Tri-mode IEEE ® 802.11a/b/g
Data Rates Supported	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54 Mbps
Security	WPA2, WEP (40 or 128 bit), TKIP, TLS, TTLS (MSCHAP),

Operating System	Microsoft® Windows Embedded Handheld™ 6.5.3 Professional Edition
Memory	256 MB RAM / 1GB Flash

USER ENVIRONMENT

Operating Temp.	-10°C to 50°C/14°F to 122°F
Storage Temp.	-40°C to 70°C /-40°F to 158°F
Humidity	5% to 95% non-condensing
Drop Specification	Multiple 6 ft./1.8 m drops per MIL-STD-810G
Tumble Specification	250 0.5 m (1.5 ft.) tumbles (500 drops); per applicable IEC tumble specifications
ESD	+/-15kVdc air discharge, +/-8kVdc direct discharge, +/-8kVdc indirect discharge
Sealing	IP 64 per applicable IE C sealing specifications
Vibration	.02g2/Hz Random, Non-Operating, 1 hour duration per axis
Thermal Shock	-40°F to 158°F/-40°C to 70°C rapid transition

ZEBRA INTERACTIVE SENSOR TECHNOLOGY (IST)

Ambient Light Sensor	Automatically adjusts required display backlight to maximize power efficiency
Proximity sensor	Automatically detects when the user places the handset against head during a phone call to disable display output and touch input

TTLS (MS-CHAP v2), TTLS (CHAP), TTLSMD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES, LEAP, CCXv4 certified

WIRELESS PAN DATA AND VOICE COMMUNICATIONS

Bluetooth	Class II , V2.0 with Enhanced Data Rate (EDR)

PERIPHERALS AND ACCESSORIES

Wall charger; Micro USB cables; single-slot charging cradle; 4-slot battery charger; innovative multi-slot cradle that holds terminal as well as battery charger through field replaceable cups; vehicle cradle with suction cup; auto charger; rugged USB adapter; DEX cable; holster and more. Visit www.zebra.com/mc45 for a complete list of accessories.

REGULATORY

Visit www.zebra.com/mc45 for regulatory information

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the MC45 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*: Outsource everyday device management to Zebra. We will track, monitor and manage your MC45 devices.**

***Service from the Start with Comprehensive Coverage*: A unique service that covers normal wear and tear as well as accidental damage to internal and external components.**

Interference: LED lighting with high AC ripple content can

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