



# ZEBRA MC45 NFC MOBILE COMPUTER

## ENTERPRISE VALUE WITHOUT COMPROMISE FOR FIELD MOBILITY

**Improve workforce productivity and task accuracy in the field with the affordable MC45 NFC.** Whether your workforce is in charge of securing or managing your facilities or caring for patients at home, they all have one thing in common ' many tasks must be performed throughout a shift, and all those tasks must be carefully documented to ensure completion as well as task accuracy. The MC45 NFC is the affordable way to give these workers the means to instantly and automatically capture that information, improving productivity and task accuracy. Your workers get sleek styling and the one-handed easy operation they expect, while you get the right mix of features and the enterprise rugged design, durability, security and manageability your business demands ' all in a compact device that fits in your budget. And with a cellular connection to your business systems, information is visible in real time, helping ensure that security personnel complete rounds on time, facilities technicians complete maintenance on time and home healthcare workers perform all tasks with every patient on every visit. the result? Facilities are safer and always well-maintained. And home healthcare patients receive higher quality of care.

### 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 NFC 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.

### 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
- Security/man-guarding
- Facilities management
- Remote/home healthcare

#### Transportation & Logistics

- Route drivers

### **Advanced Near Field Communication (NFC) technology**

Easy tap-and-go action for fast and automatic capture of data embedded in NFC tags. Supports location tracking, equipment verification, proof of presence and more. With easy touch-and-go action, you automatically perform data transfer and are ready to move on to your next task.

### **Robust cellular connectivity all around the world**

No matter where the workday takes your employees, 3.5G GSM HSDPA cellular keeps them connected to the business data they need to stay productive.

### **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 NFC out on the road and in the depot. The MC45 NFC 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.

### **Comprehensive camera functionality**

The integrated 3.2 MP color camera allows workers to capture practically any type of data to streamline business processes, including 1-D/2-D bar codes, as well as photos and videos.

### **Best battery power in its class**

With the most battery power in its class, the MC45 NFC 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's 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.

- Pick-up and delivery
- Fleet management
- Proof of delivery
- Baggage and cargo tracking
- Dispatch and dynamic routing
- Stock keeping
- Signature capture
- Receiving and shipping
- Maintenance and repair facilities

## **THE MC45 NFC ' A NEW LEVEL OF AFFORDABILITY FOR FIELD APPLICATIONS**

For more information, visit [www.zebra.com/mc45nfc](http://www.zebra.com/mc45nfc) or access our global contact directory at [www.zebra.com/contact](http://www.zebra.com/contact)

## SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS		DATA CAPTURE	
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	Camera	Autofocus 3.2 MP with user-controllable flash; supports integrated 1-D/2-D bar code capture
Weight	8.73 oz./247.4 g	NFC Communication	NFC radio: 13.56 MHz Read range: 0-2.75 in/ 0.7 cm Supported card types: NFC tag types 1,2,3,4; ISO 14443 -A MIFAREtM (Classic, Ultralight, Plus, DeSFire and NTAG); ISO 14443-B; FeliCa®; ISO 15693: NXP I. Code SLI and TI Tag-i
Display	Outdoor-viewable 3.2 in. QVGA with backlight, 240 W x 320 L		
Touchpanel	Polycarbonate analog resistive touch		
Backlight	LED backlight		
Standard battery	Rechargeable lithium ion 3.7V, 3080 mAh		
Expansion Slot	User accessible 32 Gb microSD slot with SDHC support	* Please refer to the MC45 user Guide or Integrator Guide for full data capture specifications.	
Network Connections	USB 2.0 High Speed (host and client), WLAN, WWAN and Bluetooth	WIRELESS WAN DATA AND VOICE COMMUNICATIONS	
Notification	Vibrator and audible tone plus multi-color LED	Radio	3.5G HSDPA, Quad-band GPRS/EDGE
Keypad	26-key numeric	Frequency band	GSM ' Quad Band : 850/900/1800/1900 MHz UMTS/HSDPA: 2100 MHz
Voice and Audio	VoWWAN: handset mode with active noise reduction, high-quality speaker phone, Bluetooth wireless headset mode	GPS	Integrated, Autonomous and Assisted-GPS (A-GPS)
PERFORMANCE CHARACTERISTICS		WIRELESS PAN DATA AND VOICE COMMUNICATIONS	
CPU	600 MHz, ARM 11 processor , MSM 7627	Bluetooth	Class II, V2.0 with Enhanced Data Rate (EDR)
Operating System	Microsoft® Windows embedded Handheld® 6.5.3 Professional edition	PERIPHERALS AND ACCESSORIES	
Memory	512 Mb RAM / 1GB Flash	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 <a href="http://www.zebra.com/mc45">www.zebra.com/mc45</a> for a complete list of accessories.	
USER ENVIRONMENT		REGULATORY	
Operating temp.	-10°C to 50°C/14°F to 122°F	Visit <a href="http://www.zebra.com/mc45nfc">www.zebra.com/mc45nfc</a> for regulatory information	
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		<b>WARRANTY</b>	
<b>ESD</b>	+/-15kVdc air discharge, +/- 8kVdc direct discharge, +/- 8kVdc indirect discharge	<b>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: <a href="http://www.zebra.com/warranty">http://www.zebra.com/warranty</a></b>	
<b>Sealing</b>	IP64 per applicable IEC sealing specifications		
<b>Vibration</b>	.02g2/Hz Random, Non-operating, 1 hour duration per axis		
<b>Thermal Shock</b>	-40°F to 158°F/-40°C to 70°C rapid transition	<b>RECOMMENDED SERVICES</b>	
<b>ZEBRA INTERACTIVE SENSOR TECHNOLOGY (IST)</b>		<b><i>Managed Device Service:</i></b>	Outsource everyday device management to Zebra. We will track, monitor and manage your MC45 devices.
<b>Ambient Light Sensor</b>	Automatically adjusts required display backlight to maximize power efficiency	<b><i>Service from the Start with Comprehensive Coverage:</i></b>	A unique service that covers normal wear and tear as well as accidental damage to internal and external components.
<b>Proximity sensor</b>	Automatically detects when the user places the handset against head during a phone call to disable display output and touch input		



**ZEBRA**

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**ZEBRA TECHNOLOGIES**