



# MC75A HF

### PREMIUM HF RFID CONTACTLESS MOBILE COMPUTER

#### THE RIGHT MOBILE SOLUTION FOR TICKETING, IDENTITY AND ACCESS MANAGEMENT

Zebra's MC75A HF takes its place as one of the world's most proven premier mobile computers, with more features and functionality than any other device in its class. The MC75A HF starts with all the features and the same rugged design of the MC75A and adds an integrated HF RFID reader/writer for NFC contact less communication. The MC75A HF is the right contactless mobile solution for: public transportation, parks and event ticketing where closed-loop NFC transactions and payments can be processed; identity and access control with RFID-enabled cards, documents and passports; and asset tracking.

**Enable NFC communications and global closed-loop transactions and payments:** supports MIFARE<sup>TM</sup>, FeliCa<sup>®</sup> and Calypso<sup>®</sup> (ISO 14443-A/B)

Capture virtually any type of business data: read HF RFID tags, scan any bar code, take a picture or a video or capture location data with the very latest in technology with Zebra MAX Data Capture

**6 devices in 1:** HF RFID reader/writer, 3.5G world mobile phone, mobile computer, bar code scanner and imager, high resolution digital camera and GPS all-in-one device substantially reduces the volume of devices you need to purchase and manage

Cost-effective deployment of HF-based RFID applications: use the MC70/MC75 accessories you already own

**Maximum reliability:** Zebra's signature rugged specifications for drop, tumble and sealing ensure reliable everyday operation

**Maximum security:** get government grade certified security support with the most advanced encryption and authentication protocols; high-performance Virtual Private Networks (VPNs) enable compliance with the toughest industry regulations, such as PCI and HIPAA

Maximum power: the most robust processing platform for blazing application performance

**True enterprise class motion sensing:** dynamic screen rotation and better management of battery power with Zebra MAX Sensor

**More GPS coverage in more areas:** best-in-class Zebra's MAX GPS delivers a faster and more accurate position, even in areas with a weak signal

The most advanced display technology: PenTile® 'RGBW' technology adds a white pixel to the traditional red, green and blue for richer, crisper text and graphics that are easier to read

Easy and low-cost device management: works with Zebra's leading management software, Mobility Software Platform (MSP)

**The most accessories:** expands device functionality, protects your investment and minimizes total cost of ownership (TCO)

**Service from the Start with Comprehensive Coverage:** get all-inclusive end-to-end protection against the unexpected (optional)

## For more information, visit www.zebra.com/mc75ahf

PHYSICAL CHARACTERISTICS		WIRELESS WAN DATA AND VOICE	
Dimensions	7 in. L x 3.3 in. W x 1.9 in. D 17.78 cm L x 8.4 cm W x 4.8 cm D	COMMUNICAT WWAN Radio	GSM: HSDPA
Weight	16.5 oz./467 g (including standard battery)	GPS Integrated, Autonomous and Assisted-GPS (A-GPS) through SUPL; SiRFstarIII  WIRELESS LAN DATA AND VOICE	
Display	Super bright 3.5 in. color VGA ( 640x480) super bright 650+ NITS (luminous)		
Touch Panel	Glass analog resistive touch	COMMUNICATIONS	
Battery Options	Rechargeable Lithium Ion 3.7V, 3600 mAh or 4800mAh Smart Battery	WLAN Radio  Tri-mode IEEE® 802.11a/b/g with the same performance and security protocols as the MC75A Series	
Expansion Slot	microSD slot with SDHC Support ( up to 32GB)		Genes
Comm. Interface	Ethernet (via cradle); full-speed USB, host or client	WIRELESS PAN DATA AND VOICE COMMUNICATIONS	
Notification	Vibrator and LED	Bluetooth Class II, v2.1 with Enhanced Rate (EDR)	Class II, v2.1 with Enhanced Data
Keypad Options	Numeric; QWERTY		. (4.0)
Audio	VoWWAN; VoWLAN	RFID SPECIFICATIONS	
		RFID Radio	13.56 MHz
PERFORMANCE	CHARACTERISTICS	Read Range	0-1.96 in./0-5 cm
CPU	PXA320 @ 806 MHz processor	SAM Slots (2)	ISO 7816 compliant for encryption
Operating System	Microsoft® Windows Embedded Handheld		keys
Memory	256MB RAM; 1GB Flash	Supported Card Types	ISO 14443-A: MIFARE™ (Classic UltraLight, DESFire) ISO 14443-B: Calypso® (GTML, GTML2, CD21, CD Light, CDS3, CD97, CD97BX, TanGO,
Interface	RS-232, USB 1.1		
USER ENVIRONMENT			Celego-Citi, CT2000), ASK CTS256 and CTS512,
Operating Temp.	14° F to 122° F/-10° C to 50° C	STMicroelectronics SRI FeliCa <sup>®</sup> ISO15693: NXP I.Code SLI, TI Tag-it	
Storage Temp.	-40° F to 158° F/-40° C to 70° C (w /o battery)		
Humidity	95% non-condensing	COLOR CAMERA	
Drop Spec	Multiple 6 ft./1.8 m drops, per MIL-STD 810 specifications.	Camera Module	3.2 megapixel auto focus with flas
Tumble	1,000 1.6 ft./0.5 m tumbles (2,000	2D IMACED ENGINE (CE4500 CB)	
Specification	drops); per applicable IEC tumble	2D IMAGER ENGINE (SE4500-SR)	

	specifications	Same high performance Imager as the MC75A	
Sealing	IP54 per applicable IEC sealing specifications		
		ZEBRA INTERACTIVE SENSOR	
IrDA	Infra-red port for connection to printers and other devices	TECHNOLOGY	
		Motion-sensor: 3-axis accelerometer that enables	
Electrostatic	±15kV air discharge, ±8kV direct	motion-sensing applications for dynamic screen	
Discharge (ESD)	discharge	orientation, power management and free-fall detect	
		_	
BATTERY PERFORMANCE		PERIPHERALS AND ACCESSORIES	
Standby Time	150 hours	See www.zebra.com/mc75ahf for a complete list of accessories	
Talk Time	5 hours		
		REGULATORY	
SECURITY CERTIFICATION		- Same regulatory information as the MC75A	
Certified compliant with FIPS 140-2			
		For countries outside USA, Canada, European Economic	

### **WARRANTY**

representative

The MC75A HF is warranted against defects in workmanship and materials for a period of 12 months from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions.

Area, Japan or Australia consult your local Zebra

### RECOMMENDED SERVICES

Service from the Start with Comprehensive Coverage



MAX Rugged



MAX Secure



MAX Sensor



MAX Data Capture



MAX Locate



MAX MPA

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