



# MC3200 Series

## EMC Configuration and Accessories Guide

*Designed to assist customers and partners with model and  
configuration guidance*



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- I. MC3200 Series Configuration Guide**
- II. MC3200 Series Accessories**



# MC3200 Configuration Guide



## MC3200 Series

CONFIGURATION & ACCESSORY GUIDES are available on [The Source](#) and [PartnerCentral](#)

For access to additional product information including this guide, please visit: [www.zebra.com/mc3200](http://www.zebra.com/mc3200)

- All MC3200 configurations are compatible and backward compatible with all existing accessories including: Cradles, Holsters and Cables.

Find Product Information in the **EMC Product Portfolio** on [The Source](#) and [PartnerCentral](#)



**Partner Central**

ENTERPRISE MOBILE COMPUTING

# EMC PRODUCT PORTFOLIO

- EMC Resources
- Zebra Solutions At A Glance
- Enterprise Mobile Computing
  - Knowledge Worker Portfolio
  - Line Worker Portfolio
  - EMC Software & Solutions
- Topical Content
  - MSI OS Strategy
  - The Value of Enterprise Class Products

**CUSTOMER FACING** 

**FIELD MOBILITY** 

**TASK SPECIFIC** 

**INDUSTRIAL MOBILITY** 

MC3200 Third party accessories:

- [www.atpinc.com](http://www.atpinc.com)
- [www.portsmith.com](http://www.portsmith.com)

## MC3200 Configuration Matrix

CONFIGURATION OPTIONS:	MC31XX	OPTION	DESCRIPTION
Radio Option	MC32Nx-xxxxxxxx	N	WLAN 802.11 a/b/g/n
WAN	MC32x0-xxxxxxxx	0	None
Form Factor	MC32xx-Rxxxxxxxx	R	Rotating (Turret) Head
	MC32xx-Sxxxxxxxx	S	Straight Shooter
	MC32xx-Gxxxxxxxx	G	Gun
Data Capture options (Scanner)	MC32xx-xLxxxxxxxx	L	SE965 1D Standard Range Scan Engine
	MC32xx-xIxxxxxxxx	I	SE4750 Standard Range Array Imager
	MC32xx-xDxxxxxxxx	D	SE4750 DPM
	MC32xx-xFxxxxxxxx	F	SE4750 Medium Range
Keyboard Options	MC32xx-xx2xxxxxx	2	28 Key Numeric Keypad
	MC32xx-xx3xxxxxx	3	38 Key Shifted Alpha Keypad
	MC32xx-xx4xxxxxx	4	48 Key Alpha Numeric Keypad
Battery Options	MC32xx-RxxSxxxxx	S	Standard capacity 2740mAH (only with Rotating Head)
	MC32xx-xxxHxxxxx	H	High capacity 4800mAH
Operating System options	MC32xx-xxxxCxxxx	C	Microsoft Windows CE 7.0
	MC32xx-xxxxHxxxx	A	Android 4.1 Jelly Bean with Mx (only in Premium Model)
Memory Options	MC32xx-xxxxxLxxx	L	512 MB RAM / 2 GB Flash (Standard Model)
	MC32xx-xxxxxHxxx	H	1 GB RAM / 4 GB Flash (Premium Model only)
Operating System Language	MC32xx-xxxxxxXxx	E,C,J,K	English, Simplified Chinese, Japanese, Korean
Additional Features	MC32xx-xxxxxxx0x	0	None
	MC32xx-xxxxxxxIx	I	Interactive Sensing Technology (IST) (Only in Premium Models)
Country or Custom Code	MC32x-xxxxxxxAX	A	World Wide ROHS
	MC32xx-xxxxxxxTN	TN	Tunisia

## MC3200 Configurations Available



### MC3200 Variants

#### Standard

##### Operating System

- Windows CE 7.0

##### Memory

- 512 MB RAM / 2 GB Flash

##### Form Factors

- Straight Shooter
- Rotating Head (Turret)
- Gun

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#### Premium

##### Operating System

- Windows CE 7.0
- Android 4.1 Jelly Bean with Mx

##### Memory

- 1 GB RAM / 4 GB Flash

##### Form Factors

- Straight Shooter
- Rotating Head (Turret)
- Gun

##### Added features

- Interactive Sensor Technology (IST)

# MC3200 Data Capture Methods

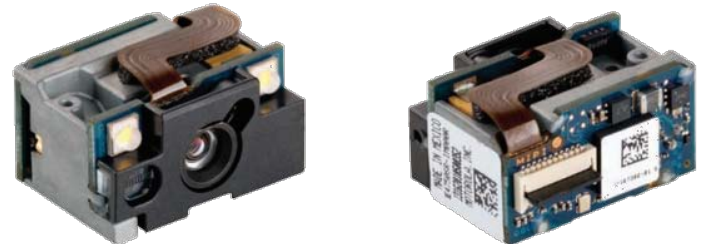
## Scan Engines

**SE965** 1D Standard Range Scan Engine

**SE4750** 1D/2D Standard Range Array Imager



**SE965**  
1D Standard Range Scan  
Engine



**SE4750**  
Standard Range Array  
Imager

## MC3200 Keypad Options

### 28 Key Numeric Telephony

- Large numeric keys
- 10 Shifted function keys
- Alpha characters by SMS style



### 38 Key Shifted Alpha

- Calculator style numeric
- 10 Direct function keys
- Shifted Alpha



### 48 Key Alpha-Numeric

- Full alpha-numeric keypad
- 13 Shifted function keys





## MC3200 Operating Systems



Android 4.1 Jelly Bean




Microsoft Windows  
Embedded Compact 7.0

### Operating System Configurations

**Android 4.1 Jelly Bean (Premium)**

**Microsoft Windows Embedded  
compact 7.0 (Standard or Premium)**

OS swap is only supported on Premium CE and Android Configurations. Devices must be sent to a service depot to perform the OS swap. 

# MC3200

## Accessories Guide



## Step 1: Choosing a charging method



### Single Slot Cradle:

**CRD3000-1001RR** Single slot USB / RS232 Cradle, w/spare battery charging

### Single Slot Cradle Kits:

**CRD3000-101RES (INTERNATIONAL)** Includes: Single Slot Cradle CRD3000-1001RR and Power Supply PWRS-14000-148R. (Must purchase country specific 3 wire AC Cord separately)

**CRD3000-100RES (US)** Includes: Single Slot Cradle CRD3000-1001RR, Power Supply PWRS-14000-148R and US AC Cord 23844-00-00R.



The single slot cradle can charge all the MC31 configurations (straight shooter, rotating head and gun), charges a spare battery and has USB connection.

## Additional Accessories for Single Slot Cradle



### **25-68596-01R**

USB Cable for the cradle to the host system



### **25-63852-01R**

Provides serial communication between the single slot cradle and a host computer.



### **PWRS-14000-148R**

Power supply for single slot cradle: 100-240 VAC, 12VDC, 4.16A



### **23844-00-00R**

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.



### **25-63856-01R**

Modem adapter cable used to connect the MDM9000-100R to the single slot cradle

## Step 1: Choosing a charging method



### 4 Slot Cradles:

- CHS3000-4001CR** 4 Slot Charge Only Cradle  
**CRD3X01-4001ER** 4 Slot Ethernet Cradle

### 4 Slot Cradle Kits:

- CRD3000-400CES (US)** Includes: 4 Slot Charge Only Cradle CHS3000-4001CR, Power Supply PWRS-14000-241R, DC Cord 50-16002-029R and US AC Cord 23844-00-00R.
- CRD3000-401CES (INTERNATIONAL)** Includes: 4 Slot Charge Only Cradle CHS3000-4001CR, Power Supply PWRS-14000-241R and DC Cord 50-16002-029R. Order country specific 3 wire AC Cord separately
- CRD3X01-401EES (INTERNATIONAL)** Includes: 4 Slot Ethernet Cradle CRD3X01-4001ER, Power Supply PWRS-14000-241R, DC Cord 50-16002-029R. Order country specific 3 wire AC Cord separately.

## Additional Accessories for 4 slot Cradles



- PWRS-14000-241R**  
Power supply for 4 slot cradles: 90-264 VAC, 12VDC, 9A



- 50-16002-029R**  
DC cable provides power from the power supply to 4 slot charge only and Ethernet cradles



- 23844-00-00R**  
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.



- KT-136648-01R**  
Wall mount bracket for 4 slot cradles.

## Step 2: Choose battery / battery charging accessories

### 2470 mAh Battery



#### **BTRY-MC32-01-01**

Standard capacity battery, 2470 mAh

Pack of 10 spare batteries is also available:  
**(BTRY-MC32-01-10)**

### 4800 mAh Battery



#### **BTRY-MC32-02-01**

High-capacity battery, 4800 mAh

Pack of 10 spare batteries is also available:  
**(BTRY-MC32-02-10)**

### 4 Slot Battery Charger



#### **SAC7X00-4000CR**

4 Slot battery charger,  
for standard and high-  
capacity batteries.

#### **SAC-MC32-400US-01**

**US kit.** Includes: 4-slot battery charger  
SAC7X00-4000CR, battery adapters ADP-  
MC32-CUP0-04, power supply PWRS-  
14000-148R and US AC line cord 23844-00-  
00R.

#### **SAC-MC32-400INT-01**

**International kit.** Includes: 4-slot battery  
charger SAC7X00-4000CR, battery adapters  
ADP-MC32-CUP0-04 and power supply  
PWRS-14000-148R, must purchase country  
specific grounded AC line cord separately.

### Accessories for battery charger:



#### **PWRS-14000-148R**

Power supply for 4-Slot Battery Charger



#### **23844-00-00R**

US AC line cord, 7.5 feet long, grounded,  
three wire for power supplies.



#### **ADP-MC32-CUP0-04**

Battery adapter cup for spare battery  
charger. (4-pack)

## Step 3: Choose charging and communication cables

### USB/Charge Cable

**25-67868-03R**

USB communication and charge cable, must purchase power supply PWRS-14000-249R and un-grounded AC line cord separately.

### RS232/Charge Cable

**25-67866-03R**

RS232 communication and charge cable, must purchase power supply PWRS-14000-249R and un-grounded AC line cord separately.

### Power Cable

**25-70103-03R**

Power only cable, must purchase power supply PWRS-14000-249R and un-grounded AC line cord separately.

### Printer Cable

**25-91513-01R**

Printer cable, to be used with Zebra QL series.

### Vehicle Charge Cable

**VCA3000-01R**

Auto charge cable (cigarette lighter) 12/24V

## Step 4: Choose carrying accessories

### Fabric Holster



**11-69293-01R**

Fabric holster , includes shoulder strap. It can also be used with a belt. For rotating head and straight shooter configurations.

### Plastic Holster



**8710-050005-01R**

Plastic holster, secures to a belt. For rotating head and straight shooter configurations.

### Hand Strap



**SG-MC3123243-01R**

Spare hand strap for rotating head and straight shooter configurations (pkg 1).

**Shoulder strap  
58-40000-007R**

Universal shoulder strap for holster.



**Belt for holster  
11-08062-02R**

Universal belt for fabric holster.



### Protective Boots



**11-70899-04R**

Protective boot for straight shooter configurations.



**BOOTSCANTURRETR**

Protective boot for rotating head configurations. Includes terminal boot (11-72097-04R ) and turret cup (11-72096-04R).

## Step 4: Choose carrying accessories

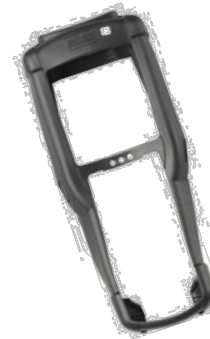
### Holster



#### **SG-MC3021212-01R**

Fabric holster, secures to a belt or a shoulder strap. For gun configurations.

### Protective Boot



#### **11-72959-04R**

Protective boot for gun both imager and laser configurations.

#### **Shoulder strap** **58-40000-007R**

Universal shoulder strap for holster.



#### **Belt for holster**

#### **11-08062-02R**

Universal belt for fabric holster.



### Hand Strap



#### **SG-MC3123242-01R**

Spare hand strap for gun configurations (pkg 1)

#### **SG-MC3123342-01R**

Spare hand strap for gun configurations (pkg 5)



## Step 5: Choose other accessories

### Modem Dongle

#### **MDM9000-100R**

Provides modem connectivity through single slot USB Cradle

#### **KT-MC3000SERMO DEMR**

Provides modem connectivity through single slot USB Cradle. Includes modem dongle MDM9000-100R and cable connector 25-63856-01R.

### Audio

#### **RCH51**

Rugged wired headset designed for use in nearly any environment

#### **25-124389-01R**

RCH51 headset adapter cable to standard 3-pole 2.5mm barrel jack. For MC30XX models.

#### **25-124411-02R**

RCH51 headset adapter cable to standard 3-pole 2.5mm barrel jack. For MC31XX models



**MDM9000-100R**  
Modem Dongle

For modem connectivity through the cradle order 25-63856-01R



**RCH51**  
Rugged Wired Headset

Must purchase headset adapter cable separately, 25-124387-02R



**25-124389-01R**  
Headset adapter cable for  
MC30XX



**25-124411-02R**  
Headset adapter cable for  
MC31XX

## Step 5: Choose other accessories

### Plastic Screen Guards

**KT-82057-03R** Pack of 3 screen guards

**KT-82057-03R**  
Plastic screen guards



### Hand Straps Accessories

**KT-97258-01R** Plastic button that attaches the hand strap to the gun configurations.

**KT-97258-01R**  
Plastic button for gun hand strap



### Stylus Kits

**KT-73440-01R** Non-elastic tether kit- Pack of 3

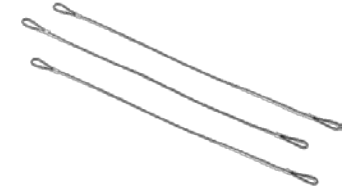
**11-43912-03R** Tethered stylus for brick configurations- Pack of 3

**11-43912-50R** Tethered stylus for brick configurations- Pack of 50

**KT-81680-03R** Tethered stylus for gun configurations- Pack of 3

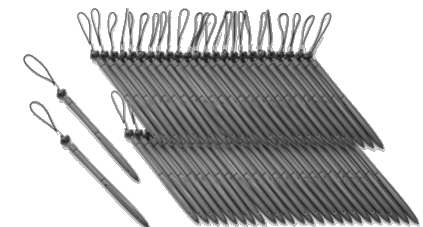
**KT-81680-50R** Tethered stylus for gun configurations- Pack of 50

**KT-73440-01R**  
Non-elastic tether kit



**11-43912-03R**  
Replacement stylus for brick configurations

**KT-81680-50R**  
Replacement stylus with tether for gun configurations



## Step 5: Choose other accessories

### Ethernet Adapter

**PSA1U1E**

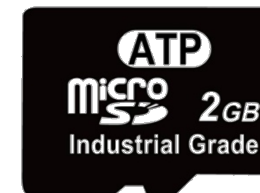
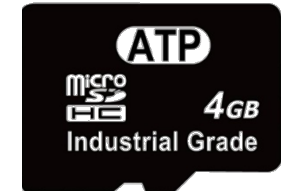
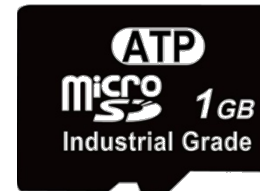
USB to Ethernet adapter with no separate power supply requirement.



**PSA1U1E**  
Portsmith in-line Ethernet to  
USB Adapter

### Flash Memory Cards

<b>AF1GUDI-MOT1-1P</b>	1GB Industrial Grade SLC microSD flash memory card. AF1GUDI-MOT1-10P – Pack of 10
<b>AF2GUDI-MOT1-1P</b>	2GB Industrial Grade SLC microSD flash memory card. AF2GUDI-MOT1-10P – Pack of 10
<b>AF4GUDI-MOT1-1P</b>	4GB Industrial Grade SLC microSD flash memory card. AF4GUDI-MOT1-10P – Pack of 10
<b>AF8GUDI-MOT1-1P</b>	8GB Industrial Grade SLC microSD flash memory card. AF8GUDI-MOT1-10P – Pack of 10



**ATP Flash Memory Cards**  
1GB, 2GB, 4GB and 8GB