MC3200 Series

EMC Configuration and Accessories Guide

Designed to assist customers and partners with model and configuration guidance
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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

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

MC3200 Third party accessories:
  • www.atpinc.com
  • www.portsmith.com
# MC3200 Configuration Matrix

<table>
<thead>
<tr>
<th>CONFIGURATION OPTIONS:</th>
<th>MC31XX</th>
<th>OPTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radio Option</td>
<td>MC32Nx-xxxxxxxxx</td>
<td>N</td>
<td>WLAN 802.11 a/b/g/n</td>
</tr>
<tr>
<td>WAN</td>
<td>MC32x0-xxxxxxxxx</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>Form Factor</td>
<td>MC32xx-Rxxxxxxxxx</td>
<td>R</td>
<td>Rotating (Turret) Head</td>
</tr>
<tr>
<td></td>
<td>MC32xx-Sxxxxxxxxx</td>
<td>S</td>
<td>Straight Shooter</td>
</tr>
<tr>
<td></td>
<td>MC32xx-Gxxxxxxxxx</td>
<td>G</td>
<td>Gun</td>
</tr>
<tr>
<td>Data Capture options (Scanner)</td>
<td>MC32xx-xLxxxxxxxxx</td>
<td>L</td>
<td>SE965 1D Standard Range Scan Engine</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xIxxxxxxxxx</td>
<td>I</td>
<td>SE4750 Standard Range Array Imager</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xFxxxxxxxxxx</td>
<td>F</td>
<td>SE4750 Medium Range</td>
</tr>
<tr>
<td>Keyboard Options</td>
<td>MC32xx-xx2xxxxxx</td>
<td>2</td>
<td>28 Key Numeric Keypad</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xx3xxxxxx</td>
<td>3</td>
<td>38 Key Shifted Alpha Keypad</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xx4xxxxxx</td>
<td>4</td>
<td>48 Key Alpha Numeric Keypad</td>
</tr>
<tr>
<td>Battery Options</td>
<td>MC32xx-RxxSxxxxxx</td>
<td>S</td>
<td>Standard capacity 2740mAH (only with Rotating Head)</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xxHxxxxxx</td>
<td>H</td>
<td>High capacity 4800mAH</td>
</tr>
<tr>
<td>Operating System options</td>
<td>MC32xx-xxxxCxxxxx</td>
<td>C</td>
<td>Microsoft Windows CE 7.0</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xxxxAxxxxx</td>
<td>A</td>
<td>Android 4.1 Jelly Bean with Mx (only in Premium Model)</td>
</tr>
<tr>
<td>Memory Options</td>
<td>MC32xx-xxxxLxxxxx</td>
<td>L</td>
<td>512 MB RAM / 2 GB Flash (Standard Model)</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xxxxHxxxxx</td>
<td>H</td>
<td>1 GB RAM / 4 GB Flash (Premium Model only)</td>
</tr>
<tr>
<td>Additional Features</td>
<td>MC32xx-xxxxxxxxx0x</td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xxxxxxxxxIx</td>
<td>I</td>
<td>Interactive Sensing Technology (IST) (Only in Premium Models)</td>
</tr>
<tr>
<td>Country or Custom Code</td>
<td>MC32xx-xxxxxxxxxA</td>
<td>A</td>
<td>World Wide ROHS</td>
</tr>
<tr>
<td></td>
<td>MC32xx-xxxxxxxxxTN</td>
<td>TN</td>
<td>Tunisia</td>
</tr>
</tbody>
</table>
## MC3200 Variants

### Standard
- **Operating System**
  - Windows CE 7.0
- **Memory**
  - 512 MB RAM / 2 GB Flash
- **Form Factors**
  - Straight Shooter
  - Rotating Head (Turret)
  - Gun

### 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)
### Scan Engines

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE965</td>
<td>1D Standard Range Scan Engine</td>
</tr>
<tr>
<td>SE4750</td>
<td>1D/2D Standard Range Array Imager</td>
</tr>
</tbody>
</table>

**SE965**
1D Standard Range Scan Engine

**SE4750**
Standard Range Array Imager
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

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.
Step 1: Choosing a charging method

**Single Slot Cradle:**


**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.

- **PWR-BGA12V50W0WW**
  - Level VI AC/DC Power Supply (Brick, replacement for PWRS-14000-148R)
  - **AC Input:** 100-240V, 2.4A
  - **DC Output:** 12V, 4.16A, 50W
  - **Requires:** DC line cord and Country specific grounded AC line cord.

- **CBL-DC-388A1-01**
  - DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW, Level VI replacement for PWRS-14000-148R.

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

- **25-63856-01R**
  - Modem adapter cable used on the single slot cradle

**Single Slot Cradle Kits:**

**CRD3000-101RES** (INTERNATIONAL)

- **Includes:** Single Slot Cradle CRD3000-1001RR Level VI Power Supply PWR-BGA12V50W0WW and DC Line Cord CBL-DC-388A1-01. Must purchase 3 wire AC Cord separately.

**CRD3000-100RES** (US)

- **Includes:** Single Slot Cradle CRD3000-1001RR, Level VI Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01, 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.
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, Level VI Power Supply PWR-BGA12V108W0WW, DC Cord CBL-DC-381A1-01 and US AC Cord 23844-00-00R.

Additional Accessories for 4 slot Cradles

PWR-BGA12V108W0WW
Level VI AC/DC Power Supply (Brick, Replacement for PWRS-14000-241R)
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W
Requires: DC line cord and Country specific grounded AC line cord.

CBL-DC-381A1-01
DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW, Level VI replacement for PWRS-14000-241R

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)

5200 mAh Battery

BTRY-MC32-52MA-01
High-capacity battery, 5200 mAh
Pack of 10 spare batteries is also available: (BTRY-MC32-52MA-10)

4 Slot Battery Charger

SAC7X00-4000CR
4 Slot battery charger base, for standard and high-capacity batteries.

SAC-MC32-400US-01 End of Sale
US kit. Includes: 4-slot battery charger SAC7X00-4000CR, battery adapters ADP-MC32-CUP0-04, Level VI Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01, and US AC Cord 23844-00-00R.

SAC-MC33-4SCHG-01 replacement

SAC-MC32-400INT-01 End of Sale

SAC-MC33-4SCHG-01 replacement

Accessories for battery charger:

PWR-BGA12V50W0WW
Level VI AC/DC Power Supply (Brick, replacement for PWRS-14000-148R)
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W Requires: DC line cord and Country specific grounded AC line cord.

CBL-DC-388A1-01
DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW, Level VI replacement for PWRS-14000-148R.

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 SAC7X00-4000CR base. (4-pack)
Step 3: Choose charging and communication cables

### USB/Charge Cable

25-67868-03R
USB communication and charge cable, must purchase Power supply PWR-BUA5V16W0WW, DC Line Cord CBL-DC-383A1-01 and un-grounded AC line cord separately.

### RS232/Charge Cable

25-67866-03R
RS232 communication and charge cable, must purchase Power supply PWR-BUA5V16W0WW, DC Line Cord CBL-DC-383A1-01 and un-grounded AC line cord separately.

### Power Cable

25-70103-03R
Power only cable, must purchase Power supply PWR-BUA5V16W0WW, DC Line Cord CBL-DC-383A1-01 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 for straight shooter and rotating head devices

<table>
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<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fabric Holster</strong></td>
<td>SG-MC3X-SHLSTB-01&lt;br&gt;Mc32/Mc33 Soft Holster. Compatible with Straight Shooter and Rotating Head devices, allows user to wear the device on a belt or Cross-Body, includes a shoulder Strap and Belt Clip.</td>
</tr>
<tr>
<td><strong>Plastic Holster</strong></td>
<td>8710-050005-01R&lt;br&gt;Plastic holster, secures to a belt. For rotating head and straight shooter configurations.</td>
</tr>
<tr>
<td><strong>Hand Strap</strong></td>
<td>SG-MC3123244-01R&lt;br&gt;Spare hand strap for rotating head and straight shooter configurations (pkg 1).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shoulder strap</strong></td>
<td>58-40000-007R&lt;br&gt;Universal shoulder strap for holster.</td>
</tr>
<tr>
<td><strong>Belt for holster</strong></td>
<td>11-08062-02R&lt;br&gt;Universal belt for fabric holster.</td>
</tr>
<tr>
<td><strong>Protective Boots</strong></td>
<td>11-70899-04R&lt;br&gt;Protective boot for straight shooter configurations.</td>
</tr>
<tr>
<td><strong>BOOTS CANTURRETR</strong></td>
<td>Protective boot for rotating head configurations. Includes terminal boot (11-72097-04R ) and turret cup (11-72096-04R).</td>
</tr>
</tbody>
</table>
Step 4: Choose carrying accessories for gun devices

**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-MC32-HDSTG-01**
  - Spare handstrap for gun configuration, No RFID tag, (pkg 3)
Step 5: Choose other accessories

**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 MC32XX models.
- **25-124411-03R**
  - RCH51 headset adapter cable to standard 3-pole 2.5mm barrel jack. For MC32XX models.

**Stylus Kits**

- **11-43912-03R**
  - Tethered stylus for brick configurations - Pack of 3
- **11-43912-50R**
  - Tethered stylus for brick configurations - Pack of 50
- **KT-MC9X3X-STLSG-05**
  - Spare stylus for gun configurations - Pack of 5
- **KT-MC9X3X-STLSG-10**
  - Spare stylus for gun configurations - Pack of 10
- **KT-MC9X3X-STLSG-50**
  - Spare stylus for gun configurations - Pack of 50

**Replacement stylus for gun configurations**