



# MC9300 Series

## Configurations & Accessories Guide

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# MC9300

The ultimate Android ultra-rugged combination keypad/touch mobile computer



# I. MC9300 Configuration Guide



CONFIGURATION OPTIONS:	MC9300	OPTION	DESCRIPTION
<b>Wireless Option</b>	MC930 <b>X</b> -XXXXXXXX	0	WLAN 802.11 a/b/g/n/ac MU-MIMO & BT 5.0 BLE
<b>RFID</b>	MC93 <b>XB</b> -XXXXXXXX	B	None
	MC93 <b>XP</b> -XXXXXXXX	P	HF RFID Radio with NFC
<b>Form Factor</b>	MC93XX- <b>G</b> XXXXXXXX	G	Gun
<b>Operating Temperature</b>	MC93XX- <b>S</b> XXXXXXXX	S	Standard
	MC93XX- <b>F</b> XXXXXXXX	F	Freezer
<b>Data Capture / Camera</b>	MC93XX-XX <b>A</b> XXXXX	A	SE965 1D Laser
	MC93XX-XX <b>B</b> XXXXX	B	SE965 1D Laser + Front/Rear Camera
	MC93XX-XX <b>C</b> XXXXX	C	SE4750 2D Imager (EOL, replaced by SE4770)
	MC93XX-XX <b>D</b> XXXXX	D	SE4750 2D Imager + Front/Rear Camera (EOL, replaced by SE4770)
	MC93XX-XX <b>H</b> XXXXX	H	SE4770 2D Imager
	MC93XX-XX <b>J</b> XXXXX	J	SE4770 2D Imager + Front/Rear Camera
	MC93XX-XX <b>E</b> XXXXX	E	SE4850 2D imager
	MC93XX-XX <b>F</b> XXXXX	F	SE4850 2D imager + Front/Rear Camera
	MC93XX-XX <b>G</b> XXXXX	G	SE4750 DPM
	MC93XX-XX <b>W</b> XXXXX	W	SE4750 DPM Wide Angle
<b>Keyboard</b>	MC93XX-XXX <b>A</b> XXXX	A	29 Key Function
	MC93XX-XXX <b>B</b> XXXX	B	34 Key Function
	MC93XX-XXX <b>C</b> XXXX	C	43 Key Function
	MC93XX-XXX <b>D</b> XXXX	D	53 Key Standard Alpha Numeric
	MC93XX-XXX <b>E</b> XXXX	E	53 Key VT Alpha Numeric
	MC93XX-XXX <b>F</b> XXXX	F	53 Key 3270 Alpha Numeric
	MC93XX-XXX <b>G</b> XXXX	G	53 Key 5250 Alpha Numeric
	MC93XX-XXX <b>H</b> XXXX	H	58 Key Function Alpha Numeric
<b>Operating System</b>	MC93XX-XXXX <b>A</b> XXX	A	Android AOSP
	MC93XX-XXXX <b>G</b> XXX	G	Android GMS
<b>Memory</b>	MC93XX-XXXX <b>4</b> XX	4	4 GB RAM / 32 GB Flash
<b>Region</b>	MC93XX-XXXXXX <b>NA</b>	NA	North America (USA, Canada, Puerto Rico)
	MC93XX-XXXXXX <b>RW</b>	RW	Rest of World (Excluding North America, China, and India)
	MC93XX-XXXXXX <b>CN</b>	CN	China
	MC93XX-XXXXXX <b>IN</b>	IN	India
<b>Additional Features</b>	MC93XX-XXXXXXXX <b>NI</b>	NI	Non-Incendive (Class I, Div II)
	MC93XX-XXXXXXXX <b>TA</b>	TA	TAA Compliant (Trade Agreement Act)
	MC93XX-XXXXXXXX <b>TI</b>	TI	TAA Compliant (Trade Agreement Act), Non-Incendive (Class I, Div II)

# MC9300 CONFIGURATIONS AVAILABLE



SKU Category	Features
<b>Base</b>	<p><b>Platform</b> Qualcomm Snapdragon 660 Octa-core, 2.2 GHz CPU 4 GB RAM / 32 GB Flash 802.11a/b/g/n/ac WiFi, 2 x 2 MU-MIMO, Bluetooth 4.0</p> <p><b>Sensors</b> Accelerometer Gyroscope Light Sensor</p> <p><b>Display</b> 4.3" WVGA (800x480) Color with Gorilla Glass touch panel</p>
<b>Package 1</b>	<p><b>Includes everything in a base unit as well as:</b></p> <p>NFC Radio Vibration Feedback</p>
<b>Package 2</b>	<p><b>Includes everything in a Package 1 unit as well as:</b></p> <p>Front and Rear color camera</p>
<b>Freezer</b>	<p><b>Includes everything in a Package 1 unit as well as:</b></p> <p>Sensor-driven Heated scan exit window Freezer rated 5,000 mAh Lithium Ion Battery Condensation-Free operation -30°C/-22°F to 50°C/122°F Fog-Free display with optically bonded Gorilla Glass touch panel Blue stripe around display and Blue labelled battery</p>
<b>DPM</b>	<p><b>Includes everything in a Package 1 unit as well as:</b></p> <p>Standard or Wide Angle SE4750 DPM imager Patented LED Light Diffusion Array</p>
<b>Non-Incendive</b>	<p><b>Available in a variety of SKU categories, as well as:</b></p> <p>UL Class I/II/III, Div 2 certification Orange stripe around display, Orange labelling on unit and battery</p>

# II. MC9300 Accessories Guide



# Cradle options

## Single slot cradle



### Single Slot Cradle w/Spare Battery Charger:

**CRD-MC93-2SUCHG-01:** Single slot USB cradle, w/spare battery charger, charges one device and one spare battery. Allows USB communication to the device with an additional USB-C cable.

**Requires:** Power supply **PWR-BGA12V50W0WW**, DC line cord **CBL-DC-388A1-01** and country specific 3 wire AC line cord.

## Main features

- USB communication
- Fast-charge while using MC93 PP+ batteries
- Charges one device and one spare battery
- Compatible with Level V and Level VI power supplies
- NOT COMPATIBLE WITH MC92

## Additional accessories for single slot cradle

### **CBL-TC2X-USBC-01** or **CBL-TC5X-USBC2A-01**

USB-C cable for single slot cradle and cable cup

### **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.



# Cradle options

## Multi-slot ShareCradles



### Multi-Slot Cradle options:

**CRD-MC93-4SCHG-01:** 4Slot charge only cradle, charges up to four devices.

**CRD-MC93-4SETH-01:** 4Slot Ethernet cradle, charges up to four devices and provides Ethernet communication.

**All Cradles Require:** Power supply **PWR-BGA12V108W0WW**, DC cord **CBL-DC-381A1-01** and country specific 3 wire AC line cord.

## Main features

- Charge only and Ethernet ShareCradle configurations
- Fast-charge while using MC93 PP+ batteries
- Charges 4 devices
- Compatible with Level V and Level VI power supplies
- Desk/Wall/Rack mount options
- NOT COMPATIBLE WITH MC92

## Additional accessories for multi-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.



### **BRKT-SCRD-SMRK-01**

Rack/Wall mounting bracket, allows to install any multi-slot cradle on a wall or a 19" IT rack.



# Chargers and batteries

## Spare battery



### **BTRY-MC93-STN-01(Standard), BTRY-MC93-NI-01 (Non Incendive)**

PowerPrecision+ Lithium Ion 7000 mAh battery, provides advanced State of Charge and State of Health, supports fast-charge while using MC93 cradles and chargers.

**Pack of 10 batteries:** BTRY-MC93-STN-10, BTRY-MC93-NI-10

### **BTRY-MC93-FZ-01 (Freezer)**

PowerPrecision+ Lithium Ion 5000 mAh Freezer rated (-30C) battery, provides advanced State of Charge and State of Health, supports fast-charge while using MC93 cradles and chargers.

**Pack of 10 batteries:** BTRY-MC93-FZ-10

## Spare battery charger options:



### Main features

- 4-slot and 16-slot configurations
- Fast-charge while using MC93 PP+ batteries
- Compatible with Level V and Level VI power supplies
- Desk/Wall/Rack mount options
- NOT COMPATIBLE WITH MC92 BATTERIES

**SAC-MC93-4SCHG-01:** 4-slot battery charger, charges four spare batteries. **Requires:** Power supply **PWR-BGA12V50W0WW**, DC line cord **CBL-DC-388A1-01** and country specific 3 wire AC line cord.

**SAC-MC93-16SCHG-01:** 16-slot battery charger, charges sixteen spare batteries. **Requires:** Power supply **PWR-BGA12V108W0WW**, DC cord **CBL-DC-381A1-01** and country specific 3 wire AC line cord.

## Accessories for battery chargers:

### **PWR-BGA12V50W0WW**



Level VI AC/DC power supply. **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.

### **PWR-BGA12V108W0WW**



Level VI AC/DC Power Supply. **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.

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



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

### **BRKT-SCRD-SMRK-01**



Rack/Wall mounting bracket, allows to install the 16-slot battery charger or up to four 4-slot battery chargers on a wall or a 19" IT rack.

# Spare Keypads

## Field replaceable spare keypads



**53 Key Standard**

KYPD-MC9353ANR-01  
KYPD-MC9353ANR-10



**53 Key TE 5250**

KYPD-MC93535250-01  
KYPD-MC93535250-10



**53 Key TE 3270**

KYPD-MC93533270-01  
KYPD-MC93533270-10



**53 Key TE VT**

KYPD-MC9353VT-01  
KYPD-MC9353VT-10



**43 Key Function**

KYPD-MC9343FN-01  
KYPD-MC9343FN-10



**34 Key Function**

KYPD-MC9334FNR-01  
KYPD-MC9334FNR-10



**58 Key Func AN**

KYPD-MC9358ANR-01  
KYPD-MC9358ANR-10



**29 Key Function**

KYPD-MC9329NMR-01  
KYPD-MC9329NMR-10

# Other charge accessories

## Backwards compatibility



### ADP-MC93-CRDCUP-01

Charge only adapter for backwards compatibility with MC9x cradles, the adapter can be installed on any MC9x single slot or multi-slot cradle (charge only or Ethernet) allowing to charge a MC93 device (the adapter does not provide USB or Ethernet communication and does not provide fast-charge).



## USB charge cable



**CBL-MC93-USBCHG-01:** USB cable, provides fast-charge when a MC93 PP+ battery and a wall adapter is used, it also allows USB communication to the device when connected to a PC.

**Requires:** CBL-TC2X-USBC-01 and Power supply PWR-WUA5V12W0US

## Additional accessories for USB cable

### PWR-WUA5V12W0US

Level VI power supply (wall adapter)  
100-240 VAC, 5V, 2.5A with US plug.

Other countries:

- Australia: **PWR-WUA5V12W0AU**
- Brazil: **PWR-WUA5V12W0BR**
- China: **PWR-WUA5V12W0CN**
- Europe: **PWR-WUA5V12W0EU**
- India: **PWR-WUA5V12W0IN**
- Korea: **PWR-WUA5V12W0KR**
- UK: **PWR-WUA5V12W0GB**



# Softgoods for gun configurations

## Holster



### SG-MC9X-SHLSTG-01

Fabric holster, secures to a belt or a shoulder strap. Allows to carry the gun device on the hip or cross-body. Requires belt or shoulder strap ordered separately.

### Shoulder strap 58-40000-007R

Universal shoulder strap for fabric holster.



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

Universal belt for fabric holster.



## Protective boot



### SG-MC93-RBTG-01

Protective boot for gun configurations, protects the device from wear and tear.



## Hand strap



### SG-MC93-HDSTPG-01

Spare hand strap for gun configurations (pkg 1)

# Other accessories

## Mounting accessories



### MNT-MC93-FLCHKT-01

Un-powered forklift mount. Allows installing the device on a roll bar or square surface of a forklift. Includes: Forklift holder (MNT-MC93-FLCH-01), RAM double socket arm for 1" ball (MNT-RAM-B201U) , RAM forklift clamp 2.5" max width square rail base with 1" ball (MNT-RAM-B247U25).



### BRKT-SCRD-SMRK-01

Rack/Wall mounting bracket, allows to install any Multi-slot ShareCradle, the 16-slot battery charger or up to four 4-slot battery chargers on a wall or a 19" server rack.

## Other accessories



### MISC-MC93-SCRN-01

Tempered glass screen protector (Qty. 5)



### SG-TC7X-STYLUS-03

Stylus with coiled tether (Qty. 3). Made of conductive carbon-filled plastic material, optimized for enterprise durability.



### HS3100-OTH

HS3100 Rugged Bluetooth headset with over-the-head headband. Included HS3100 boom module and HSX100 OTH headband module.

### HS3100-BTN-L

HS3100 Rugged Bluetooth headset with behind-the-neck headband (left). Included HS3100 boom module and HSX100 BTN-L headband module.

# Other accessories

## Country specific AC grounded line cords

Part Number	Description
23844-00-00R	AC line cord, 7.5 feet long, grounded, three wire. Associated Country: US
50-16000-217R	AC Line Cord, 1.9M, grounded, three wire, AS 3112 plug. Associated Country: Australia, New Guinea
50-16000-218R	AC Line Cord, 1.8M, grounded, three wire, NEMA 1-15P plug. Associated Country: Japan
50-16000-219R	AC Line Cord, 1.8M, three wire, grounded BS1363 plug. Associated Countries: Hong Kong, Iraq, Malaysia, Singapore, United Kingdom
50-16000-220R	AC Line Cord, 1.8M, grounded, three wire CEE 7/7 plug. Associated Countries: Europe, Abu Dhabi, Bolivia, Dubai, Egypt, Iran, Korea, Russia, Vietnam
50-16000-256R	AC Line Cord, 1.8M, grounded, three wire, CEE7/7 plug. Associated Country: Korea
50-16000-257R	AC Line Cord, 1.8M, grounded, three wire, IEC 60320 C13 plug. Associated Country: China
50-16000-669R	AC Lind Cord, 1.9 M grounded, three wire, BS 546 Plug. Associated Country: India
50-16000-671R	AC Line Cord, 1.8M grounded, CIE 23-16 plug. Associated Country: Italy
50-16000-672R	AC Line Cord, 1.9M grounded, three wire, S132 Plug. Associated Country: Israel
50-16000-727R	AC Line Cord, 1.9M grounded, three wire. Associated Country: Brazil

## Country specific wall adapters

Part Number	Description
PWR-WUA5V12W0AU	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5A with Australia plug
PWR-WUA5V12W0BR	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5 A with Brazil plug
PWR-WUA5V12W0CN	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5A with China plug
PWR-WUA5V12W0EU	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5A with Europe plug
PWR-WUA5V12W0GB	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5A with UK plug
PWR-WUA5V12W0IN	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5A with India plug
PWR-WUA5V12W0KR	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5A with Korea plug
PWR-WUA5V12W0US	Level VI power supply (wall adapter) 100-240 VAC, 5V, 2.5A with US plug