ZQ320 Mobile Label and Receipt Printer

CLASS-LEADING BATTERY POWER, VERSATILITY, DURABILITY AND EASY REMOTE MANAGEMENT IN AN AFFORDABLE MOBILE PRINTER

The mobile printing capabilities in your retail store directly impact customer service quality and associate productivity. With receipt printing, associates can ring up sales anywhere in the store to prevent abandoned sales, improve the shopper experience and increase revenue. And with on-the-spot printing of labels, associates can complete markups, markdowns and shelf label audits faster and more accurately — providing more time to help more shoppers and preventing costly pricing errors. With the Zebra ZQ320, your associates can do it all. This compact and lightweight printer is designed for easy one-handed operation, bringing all-day comfort to mobile printing. Unique, patented battery and battery management technologies deliver the longest battery cycle times for constant full-shift power. When it comes to durability, the ZQ320 offers the most rugged specifications in its class. With support for 802.11ac and Bluetooth 4.0, you get the latest wireless connections in this class for fast printing. And the ZQ320 runs Link-OS® and is supported by our powerful Print DNA suite of applications, utilities and developer tools that deliver a superior printing experience through better performance, simplified remote manageability and easier integration. The ZQ320 — the affordable little mobile printer that delivers big business value.



MORE VERSATILITY FOR MORE VALUE

One printer — dual capabilities: receipts and labels
Now, one printer can do double duty: the same printer your store associates use to print receipts for point of sale transactions can also print labels for shelves as well as item markdowns and markups.

Connect to virtually any handheld
Pair the ZQ320 with practically any mobile device — any Bluetooth-enabled Zebra mobile handheld computer and tablet, as well as any Android, iOS, Windows CE and Windows Mobile device. And with Wi-Fi connectivity, the ZQ320 can easily double as a desktop printer to support local printing needs as well as labels you might receive from your corporate headquarters.

Print inside — and outdoors
If your retail store has outdoor departments, no problem. With IP54 sealing and support for water-resistant media, you can count on legible text and scannable barcodes, even when printing in the rain or snow.

Less waste with linerless media
Go greener with linerless media. Workers no longer need to dispose of used liner material. And since linerless media has up to 60% more labels per roll, it requires fewer roll changes, improving printer uptime — and associate productivity.

Global media support
With support for 3.15 in./80 mm wide media, the ZQ320 can accommodate US standard and international metric media widths.

SUPERIOR INDUSTRIAL DESIGN — DURABLE AND CONTEMPORARY

Sleek consumer styling on the outside — with superior Zebra industrial design on the inside
You get the best of both worlds with the ZQ320. The lightweight design ensures user comfort all shift long. The slim profile makes it easy to use in tight spaces and cramped aisles without bumping into fixtures or walls. And while its contemporary look fits right into the most design conscious retail store, you get the durability for which Zebra is famous. It's the only printer in its class to offer triple durability specifications: IP54 sealing, a 5 ft./1.5 m drop specification and a 500-drop tumble specification, which simulates the real-world tumbling that follows a drop. The result? The ZQ320 simply works, even if your employees drop it, bump it, use it in a dusty backroom or splash liquid on it.

FASTER, EASIER AND HIGHLY RELIABLE WIRELESS CONNECTIONS

The latest wireless connections for faster printing
Enjoy superior printing speeds and power efficiency with the latest in Bluetooth connectivity, Bluetooth 4.0 Classic and Low Energy. And with support for WLAN 802.11ac and the latest Wi-Fi security protocols, you get blazing fast and secure connections whether you connect the ZQ320 to a host mobile device or a Wi-Fi network.

Robust and reliable connectivity
Zebra's patented Power Smart Print Technology™ offloads processing from the printer CPU, freeing up processing power to better manage wireless communications. The result? More consistent and dependable wireless connections for maximum productivity.

Split-second tap-to-pair simplicity
The integrated NFC tag allows users to pair the ZQ320 with any Zebra NFC-enabled mobile device with a quick tap — no more scanning barcodes, manually configuring devices for discovery or accidental pairing with another nearby device. Even new and temporary workers are up and running in seconds, without having to call for support.

MAXIMIZE BATTERY POWER AND MINIMIZE BATTERY MANAGEMENT TIME AND COST

User-replaceable PowerPrecision+ battery for full-shift power and extraordinary battery management capabilities
Your workers depend on their mobile printers nearly every minute of the day. And with the ZQ320, you can be sure that every worker has plenty of power for every shift. The PowerPrecision+ 2280 mAh battery, a unique sleep mode and patented Power Smart Print Technology™ combine to minimize power requirements, offering one of the longest cycle times in this class. A wealth of easily accessible battery metrics makes it easier than ever to identify, remove and replace aging batteries before they impact productivity. And the ZQ320 battery is user-replaceable for perpetual power — ZQ320 printers never need to be taken out of service due to a dead battery.

Power-saving sleep mode with instant wake
This intelligent printer automatically enters sleep mode when it is idle, and automatically wakes up upon receipt of a printing job — no need for workers to remember to turn off the printer to save power.

Reduce battery power consumption up to 30 percent with patented Power Smart Print Technology™
This patented Zebra technology reduces battery power consumption by calculating and delivering the exact amount of power required to provide the highest quality printing. Where competitive devices provide a constant level of power, the ZQ320 print speed is adjusted dynamically in real time, based on many factors — from motor torque, battery and print head temperature to print density, battery age, available voltage and more. As a result, power consumption is reduced by an average of 20 to 30 percent per battery cycle.

The most charging options for maximum flexibility — and scalability
Multi-slot printer and battery chargers that utilize a common base and can even accommodate select Zebra mobile computers make it easy to cost-effectively create a rack-based backroom charging station that can accommodate all your devices now — and in the future. Single-slot printer and battery chargers are ideal on any desk. And with the AC-to-USB power adapter, users can simply plug the printer into any outlet to charge.

SUPERIOR PRINTER MANAGEMENT — EASY, REMOTE, COMPREHENSIVE AND COST-EFFECTIVE

Industry-first application for easy, remote management of Bluetooth-connected ZQ320 printers — only from Zebra
Zebra's one-of-a-kind Bluetooth Remote Management application gives you real-time visibility and remote management of all ZQ320 printers that are connected to any Android device via Bluetooth. Running on the Android mobile device, this application collects and sends a wealth of information about the ZQ320 to your Mobile Device Management (MDM) solution — either Zebra's Printer Profile Manager Enterprise printer management software or SOTI MobiControl. Now, the same tool you use to remotely manage your other mobile devices also allows you to easily update, monitor and troubleshoot your mobile printers, all in real-time from a remote central location. Printer management shifts from reactive to proactive, improving printer uptime, ROI and TCO. And since this solution utilizes a secondary Bluetooth communication channel, it won't interfere with ZQ320 printing, protecting printer and mobile device performance.

Zebra Print DNA – transforming printers from the inside
Zebra Print DNA is the genetic code that injects business-catalytic capabilities into our Link-OS printers through its unique combination of innovative applications, utilities and developer tools. The result is a superior printing experience through better performance, simplified remote manageability and easier integration.

Optional printer management services for maximum management flexibility
If you're still tracking your printers manually, then you are likely missing out on information that could save you money. Zebra's powerful visibility service options deliver critical insight into the information you need to prevent printer downtime and maximize the return on this key business asset. Our cloud- and subscription-based Asset Visibility Service (AVS) provides insight into the basic health information and proactive steps required to keep your ZQ320 printers up and running — all for just pennies a day. The comprehensive fully-featured Operational Visibility Service (OVS) connects to an MDM and allows you to monitor just about any aspect of your Zebra printer, as well service and repair status. See the current status and disposition of all of your printers, printers at a specific site, specific models or a specific printer — and much more.

Consistently exceptional Zebra Certified Supplies
Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pretest our own line of thermal printing supplies to ensure consistent, optimized performance in your Zebra printer — and peace of mind for you. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

Maximize the availability of your printers with Zebra OneCare™ Services
Zebra OneCare Support Services enable your critical business operations. With multiple service levels to choose from, you can protect your investment while achieving maximum uptime and peak performance. Get unmatched support — direct from the manufacturer — with live agent telephone technical support, comprehensive coverage, including accidental damage and defined repair and turnaround times. Plus optional services like Device Commissioning, Onsite Repair, Battery Refresh and Replacement Service and Express Shipping let you tailor your service plan to your individual business needs.

ZQ320 Accessories

From power and charging related accessories to carrying and protection options, cables and more

POWER AND CHARGING

Chargers and Cradles

Multi-slot



5-slot Docking Charger
Dock and charge up to five ZQ320 printers simultaneously. This accessory ships complete with power supply and power cord. Select the part number with the appropriate line cord option for your region.

Regions: US, EU, UK



3-slot Battery Charger
Dock and charge up to three PowerPrecison+ Li-Ion ZQ320 printer batteries at a time. The 3-slot battery charger ships with power supply and line cord. Select the part number with the appropriate line cord option for your region.

Regions: US, EU, UK

Single-slot



1-slot Docking Cradle
Dock and charge a single ZQ320 printer. This accessory ships with a USB cable and a AC to USB adapter. Select the part number with the appropriate plug for the AC to USB adapter.

Regions: US, EU, UK, Australia, Brazil, Korea



1-Slot Battery Charger
Docks and charges a single PowerPrecision+ Li-Ion ZQ320 battery. Integrated power supply. Ships with line cord. Select the part number with the appropriate line cord for your region.

Regions: US, EU, UK, Korea, Brazil, Australia

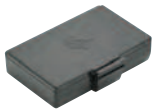
Power Adapters



AC to USB Adapter
Use this AC to USB Adapter to charge your ZQ320 printer. Select the appropriate part number with the appropriate plug for your region.

Regions: US, UK, EU, Australia, Brazil, Korea, India

BATTERIES



PowerPrecision+ 2280 mAH Li-Ion Rechargeable Battery
Spare printer battery. (Note one battery ships with the printer).
Battery Capacity: 2280 mAh

CARRYING AND PROTECTION OPTIONS

Protection Options



Soft Case
This soft case allows for easy attaching/detaching for wearability. Includes shoulder strap.

Carrying Options



Shoulder Strap
Easily carry the ZQ320 over the shoulder with this comfortable rugged shoulder strap.



Belt Clip
Replacement belt clip (one belt clip ships with the printer); package of 5.

CABLES AND OTHER ACCESSORIES



Spare USB Cables
Spare USB Type A to Type C cable. Use this cable with the AC-USB Adapter or the Cigarette Lighter Adapter to charge your printer. Printer includes one cable. (Available with 1 or 5 spare units).



Platen Roller
Replace your ZQ320 platen roller.



Linerless Platen Roller
Replace your ZQ320 linerless platen roller.



Media Spacer
Spacers for ZQ320 media compartment to accept 3 in. (76.2mm) wide paper, (5 sets; 2 per set).

ZQ320 Mobile Label and Receipt Printer Specifications

PHYSICAL CHARACTERISTICS	
Dimensions	130 mm L x 117.7 mm W x 49.5 mm H 5.12 in. L x 4.63 in. W x 1.95 in. H
Volume	757 cc/46 cubic in.
Weight with Battery	0.43 kg/.95 lbs

PRINTER SPECIFICATIONS	
Operating System	Link-OS®
Print Method	Direct Thermal
Resolution	203 dpi/8 dots mm
Memory	128MB RAM, 256MB Flash (48 MB User Available)
Battery	Li-Ion 2280 mAh, 7.2V, PowerPrecision+
Maximum Print Width	72 mm/2.83 in.
Maximum Print Speed	Up to 4 ips (100 mm/s)
Media Sensors	Gap, BlackBar, Media Out, Media Door Open
Programming Languages	CPCL, ZPL. The ZPL programming language ensures full compatibility with many other Zebra printers.
Cutter	Tear bar
Print Direction	Horizontal and vertical

MEDIA CHARACTERISTICS	
Media Width	80 mm ± 0.75 mm/3.15 in. ±0.02 in.; spacers available to support 76 mm ± 0.75 mm/3 in. ±0.02 in.
Maximum Roll Outside Diameter	40 mm/1.57 in.
Media Holder	Drop-in fixed media width (clamshell)
Media Thickness	0.06 mm/0.0023 in. to 0.16 mm/0.0063 in.
Media Types	Direct thermal: receipt paper, labels, linerless labels
Minimum Receipt Length	12.5 mm/0.49 in.
Maximum Receipt Length	Unconstrained in line mode
Label Counter	Odometer

OPERATING CHARACTERISTICS	
Environmental	Operating Temperature: -15° to +50° C/5° to +122° F Storage Temperature: -20° to 60° C/-4° to +140° F Charging Temperature: 0° to 40°C/0° to +104° F Operating Humidity: 10% to 90% non-condensing IP Rating: IP54 Drop Spec: 1.5 m/5 ft. tested over operating temp. range Tumble: 500 free falls from 1 m/3.3 ft. Vibration: MIL STD 810
Agency Approvals	FCC Part 15 and EN 55022 Class B limits; FCC, IC, and European Standards for Bluetooth and 802.11a/b/g/n; TÜV and IEC 60950 standard for Safety; NOM, C-Tick, VCCI, S-Mark, PSE, CCC, MII Bluetooth SIG-registered and Wi-Fi certified

OPERATING CHARACTERISTICS (CONTINUED)	
Validation Testing	The ZQ300 series printers have been tested with industry-leading applications to verify interoperability and improve overall optimization with validated terminals. Zebra Independent Software Vendor (ISV) Partners create industry leading software solutions to solve business problems. Zebra works closely with these ISVs to integrate printing and other capabilities of Zebra products. Zebra-validated applications can be found at www.zebra.com/validation

COMMUNICATION AND INTERFACES CAPABILITIES	
WLAN	802.11ac
WLAN Security	WEP, TKIP, AES encryption, WPA, WPA2, 801.1X (with WEP, WPA or WPA2) EAP- FAST, EAP- TTLS, EAP-TLS, PEAP, LEAP
WLAN Features Supported	802.11r, 802.11d, 802.11i, Simultaneous WAN & BT 4.0, Fast roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), or EAP Fast Session resumption, Support for Ad Hoc mode
Internet Protocols over WLAN	UDP/TCP, DHCP/BootP, FTP/Mirror, HTTP, SMTP / POP3, Telnet, LPD, SNMP
Bluetooth	Dual Radio (802.11ac + BT BR/EDR LE4.0)
USB 2.0	Client, Type- C™ connector
NFC	Passive NFC tag
Host OS Supported	Windows compatibility: (CE .NET, Pocket PC, Windows Mobile 2002, Windows Mobile 2003 SE, Windows XP, 2000 and NT via Zebra Windows printer driver and/or our Mobile SDK controls and other applications) Android 2.3, 4.0, 4.1, iOS 5, iOS 6, iOS 7, iOS 10
User Interface	LEDs

BARCODE SYMBOLOGIES	
Barcode Ratios	1.5:1, 2:1, 2.5:1, 3:1, 3.5:1
Linear Barcodes	Codabar (NW-7), Code 39, Code 93, Code 128, EAN-8, EAN-13, 2 and 5 digit add-on, Interleaved 2-of-5, UCC/EAN 128, UPC-A, UPC-E,2 and 5 digit add-on
2D Barcodes	2D Barcodes: Aztec Code, Data Matrix, GS1/DataBar™ (RSS) family, MaxiCode, MicroPDF417, PDF417, QR Code, TLC 39

FONTS/GRAPHICS	
CPCL/ZPL (Scalable)	Latin 9, Arabic, Cryillic, Hebrew, SourceCodePro, NotoMono (CJK), Hans (CJK), Thai (Angsana)
CPCL (Bitmap)	Simplified CN: 24x24 Msung, 16x16 SimSun, Trad CN: 24x24 Mkai, 16x16 New Sans MT, Vietnamese: 16x16 Utah, Japanese 16x16 MS Gothic
ZPL	Standard fonts: 25 bitmapped, smooth-scalable (CG Triumvirate™ Bold Condensed), scalable SourceCodePro, scalable NotoMono (CJK), scalable Hans (CJK), Optional fonts: Downloadable bitmapped and scalable fonts, *Contains UFST® from Agfa Monotype Corporation

PRINTER SUPPLIES

For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies to ensure consistent, optimized performance for your Zebra printer.

The ZQ320 is ideal in:

Retail

- Receipts (Mobile POS)
- Gift registry
- Price labels: markdowns/markups
- Shelf labels

ZQ320 Mobile Label and Receipt Printer Specifications (cont.)

PRINT DNA SOFTWARE SOLUTIONS

The ZQ320 is supported by our powerful Print DNA suite of applications, utilities and developer tools that give our printers better performance, simplified remote manageability, and easier integration.

Productivity Tools

- Enterprise Printing Solutions
- Print Station
- Pairing Solutions
- Virtual Devices
- PDF Direct
- Zebra Designer

Management Tools

- Bluetooth Printer Management
- Printer Setup Utility
- Print Profile Manager Enterprise

Development Tools

- Browser Print
- Network Connect
- Cloud Connect
- PrintConnect
- MultiPlatform SDK

Visibility Tools

- MDM Connectors
- Visibility Services

Print DNA features may vary by model and a Support Contract may be required. For more information, please visit: www.zebra.com/printdna

ACCESSORIES

Protection	Soft Cases
Carrying	Belt Clip (included), Shoulder Strap
Cable	USB charging or communication cable, type C to type A

ACCESSORIES (CONTINUED)

Chargers and Cradles	**Large deployments:** 5-slot docking cradle, 3-slot battery charger **Small deployments:** AC-USB Adapter, 1-slot battery charger, 1-slot docking cradle **In-vehicle charging:** Cigarette lighter adapter with 2 USB ports (to charger printer and mobile computer) Vehicle adapter to charge printer and mobile computer (TC51/56) through a direct connection to the vehicle 12-24V battery Vehicle holders (for windshield, for dashboard) that connect directly to the vehicle 12-24V battery Vehicle holders (for windshield, for dashboard)

INCLUDED IN THE BOX

Printer, battery (Li-Ion 2280 mAh), belt clip, USB cable (Type C to Type A), Quick Start Guide, registration card, Safety Guide, Regulatory Guide

WARRANTY

The ZQ300 Series is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty

RECOMMENDED SERVICES

ZEBRA OneCare

The Zebra OneCare Support Services portfolio of Essential and Select helps protect your critical operations and your printers with defined service levels. For more information go to www.zebra.com/zebraonecare

Zebra OneCare Select	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 24x7 live technical support and software updates Advance Replacement and Express Shipping (Next Day Device Replacement) Commissioning Online Return Material Authorization (RMA) support
Zebra OneCare Essential	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 8x5 live technical support and software updates Three-day depot repair turnaround time plus free return ground shipping Online Return Material Authorization (RMA) support

Note: Service availability may vary by region.

GET THE AFFORDABLE MOBILE PRINTER THAT DELIVERS BIG BUSINESS VALUE — THE ZQ320.

FOR MORE INFORMATION, VISIT WWW.ZEBRA.COM/ZQ320 OR OUR GLOBAL CONTACT DIRECTORY AT WWW.ZEBRA.COM/CONTACT

Made for iPod iPhone iPad

Wi Fi CERTIFIED

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
+1 847 955 2283
la.contactme@zebra.com

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Part number: SS-ZQ320-INDOOR 09/18/2017

ZQ320 Mobile Receipt Printer

CLASS-LEADING BATTERY POWER, VERSATILITY, DURABILITY AND EASY REMOTE MANAGEMENT IN AN AFFORDABLE MOBILE PRINTER

Your field workers are spending time manually writing up receipts — time they could be spending making more customer visits and better serving your customers. You want to automate receipt generation with a mobile printer, but the list of requirements is long. You need a small mobile printer that can handle the elements, generate high quality receipts in practically any environmental condition, guarantee power for the longest shift, with a ready-to-use remote management solution — all at a price that won't break the bank. Introducing the little mobile printer that can do it all — the ZQ320. The ZQ320 provides the perfect footprint — slim, lightweight, compact and never in the way. The ZQ320 is ready for the demands of life outdoors. It's designed to handle the inevitable everyday drops, with a scuff resistant housing that helps keep it looking like new — and you get reliable high-quality printing, even in extreme heat, cold, rain and snow. Class-leading advanced battery and power technologies ensure every worker will have plenty of power, every minute of every shift. And the ZQ320 runs Link-OS® and is supported by our powerful Print DNA suite of applications, utilities and developer tools that deliver a superior printing experience through better performance, simplified remote manageability and easier integration. The ZQ320 — the affordable little mobile printer that delivers big business value.

MORE VERSATILITY FOR MORE VALUE

Connect to virtually any handheld
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High quality outdoor printing
With IP54 sealing and support for water-resistant media, you can count on legible text and scannable barcodes, even in the rain or snow.

Less waste with linerless media
Go greener with linerless media. Workers no longer need to manage used liner material throughout their shift. And since linerless media has up to 60% more labels per roll, it requires fewer roll changes, improving printer uptime — and worker productivity.

Global media support
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Robust and reliable connectivity

With Zebra's patented Power Smart Print Technology™, your workers get the most reliable connection to their mobile computer. This unique technology manages processing typically handled by the printer CPU, freeing up processing power to deliver more consistent and dependable wireless connections. The result? Maximum productivity.

Split-second tap-to-pair simplicity

The integrated NFC tag allows users to pair the ZQ320 with any Zebra NFC-enabled mobile device with a quick tap — no more scanning barcodes, manually configuring devices for discovery or accidental pairing with another nearby device. Even new and temporary workers are up and running in seconds, without having to call for support.

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Maximize the availability of your printers with Zebra OneCare™ Services

Zebra OneCare Support Services enable your critical business operations. With multiple service levels to choose from, you can protect your investment while achieving maximum uptime and peak performance. Get unmatched support — direct from the manufacturer — with live agent telephone technical support, comprehensive coverage, including accidental damage and defined repair and turnaround times. Plus optional services like Device Commissioning, Onsite Repair, Battery Refresh and Replacement Service and Express Shipping let you tailor your service plan to your individual business needs.

ZQ320 Accessories

From power and charging related accessories to carrying and protection options, cables and more

POWER AND CHARGING

Chargers and Cradles

Multi-slot



5-slot Docking Charger
Dock and charge up to five ZQ320 printers simultaneously. This accessory ships complete with power supply and power cord. Select the part number with the appropriate line cord option for your region.
Regions: US, EU, UK



3-slot Battery Charger
Dock and charge up to three PowerPrecison+ Li-Ion ZQ320 printer batteries at a time. The 3-slot battery charger ships with power supply and line cord. Select the part number with the appropriate line cord option for your region.
Regions: US, EU, UK

Single-slot



1-slot Docking Cradle
Dock and charge a single ZQ320 printer. This accessory ships with a USB cable and an AC to USB adapter. Select the part number with the appropriate plug for the AC to USB adapter.
Regions: US, EU, UK, Australia, Brazil, Korea



1-Slot Battery Charger
Docks and charges a single PowerPrecision+ Li-Ion ZQ320 battery. Integrated power supply. Ships with line cord. Select the part number with the appropriate line cord for your region.
Regions: US, EU, UK, Korea, Brazil, Australia

In-Vehicle



Cigarette to USB Adapter
Charges the printer via the vehicle lighter power adapter. USB connection to printer; USB cable sold separately.



Dual Charging Vehicle Adapter
Charges a ZQ320 printer and a Zebra TC51 or TC56 mobile computer, simultaneously. Includes open ended and cigarette lighter adapter cables.



Vehicle Holder - Dashboard
Attach the ZQ320 to the vehicle dashboard with this printer vehicle holder.



Vehicle Holder - Windshield
Attach the ZQ320 to the vehicle windshield with this printer vehicle holder.

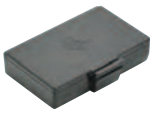
POWER AND CHARGING (CONTINUED)

Power Adapters



AC to USB Adapter
Use this AC to USB Adapter to charge your ZQ320 printer. Select the appropriate part number with the appropriate plug for your region.
Regions: US, UK, EU, Australia, Brazil, Korea, India

BATTERIES



PowerPrecision+ 2280 mAH Li-Ion Rechargeable Battery
Spare printer battery. (Note one battery ships with the printer).
Battery Capacity: 2280 mAh

CARRYING AND PROTECTION OPTIONS

Protection Options



Soft Case
This soft case allows for easy attaching/detaching for wearability. Includes shoulder strap.

Carrying Options



Shoulder Strap
Easily carry the ZQ320 over the shoulder with this comfortable rugged shoulder strap.



Belt Clip
Replacement belt clip (one belt clip ships with the printer); package of 5.

CABLES AND OTHER ACCESSORIES



Spare USB Cables
Spare USB Type A to Type C cable. Use with the AC-USB Adapter or the Cigarette Lighter Adapter to charge your printer. Printer includes one cable. (Available with 1 or 5 spare units).



Platen Roller
Replace your ZQ320 platen roller.



Linerless Platen Roller
Replace your linerless platen roller.



Media Spacer
Spacers for ZQ320 media compartment to accept 3 in. (76.2 mm) wide paper, (5 sets; 2 per set).

ZQ320 Mobile Receipt Printer Specifications

PHYSICAL CHARACTERISTICS	
Dimensions	130 mm L x 117.7 mm W x 49.5 mm H 5.12 in. L x 4.63 in. W x 1.95 in. H
Volume	757 cc/46 cubic in.
Weight with Battery	0.43 kg/0.95 lbs

PRINTER SPECIFICATIONS	
Operating System	Link-OS®
Print Method	Direct Thermal
Resolution	203 dpi/8 dots mm
Memory	128MB RAM, 256MB Flash (48 MB User Available)
Battery	Li-Ion 2280 mAh, 7.2V, PowerPrecision+
Maximum Print Width	72 mm/ 2.83 in.
Maximum Print Speed	Up to 4 ips (100 mm/s)
Media Sensors	Media Out, Media Door Open
Programming Languages	CPCL, ZPL. The ZPL programming language ensures full compatibility with many other Zebra printers
Cutter	Tear bar
Print Direction	Horizontal and vertical

MEDIA CHARACTERISTICS	
Media Width	80 mm ± 0.75 mm/3.15 in. ±0.02 in.; spacers available to support 76 mm ± 0.75 mm/3 in. ±0.02 in.
Maximum Roll Outside Diameter	40 mm/1.57 in.
Media Holder	Drop-in fixed media width (clamshell)
Media Thickness	0.06 mm/0.0023 in. to 0.16 mm/0.0063 in.
Media Types	Direct thermal: receipt paper, linerless labels
Minimum Receipt Length	12.5 mm/0.49 in.
Maximum Receipt Length	Unconstrained in line mode
Label Counter	Odometer

OPERATING CHARACTERISTICS	
Environmental	Operating Temperature: -15° to +50° C/5° to +122° F Storage Temperature: -20° to 60° C/-4° to +140° F Charging Temperature: 0° to 40°C/0° to +104° F Operating Humidity: 10% to 90% non-condensing IP Rating: IP54 Drop Spec: 1.5 m/5 ft. tested over operating temp. range Tumble: 500 free falls from 1 m/3.3 ft. Vibration: MIL STD 810
Agency Approvals	FCC Part 15 and EN 55022 Class B limits; FCC, IC, and European Standards for Bluetooth and 802.11a/b/g/n; TÜV and IEC 60950 standard for Safety; NOM, C-Tick, VCCI, S-Mark, PSE, CCC, MII Bluetooth SIG-registered and Wi-Fi certified

OPERATING CHARACTERISTICS (CONTINUED)	
Validation Testing	The ZQ300 series printers have been tested with industry-leading applications to verify interoperability and improve overall optimization with validated terminals. Zebra Independent Software Vendor (ISV) Partners create industry leading software solutions to solve business problems. Zebra works closely with these ISVs to integrate printing and other capabilities of Zebra products. Zebra-validated applications can be found at www.zebra.com/validation

COMMUNICATION AND INTERFACES CAPABILITIES	
Bluetooth	BR/EDR, LE 4.0
USB 2.0	Client, Type- C™ connector
NFC	Passive NFC tag
Host OS Supported	Windows compatibility: (CE .NET, Pocket PC, Windows Mobile 2002, Windows Mobile 2003 SE, Windows XP, 2000 and NT via Zebra Windows printer driver and/or our Mobile SDK controls and other applications) Android 2.3, 4.0, 4.1, iOS 5, iOS 6, iOS 7, iOS 10
User Interface	LEDs

WLAN (OPTIONAL)	
WLAN	802.11ac
WLAN Security	WEP, TKIP, AES encryption, WPA, WPA2, 801.1X (with WEP, WPA or WPA2) EAP- FAST, EAP- TTLS, EAP-TLS, PEAP, LEAP
WLAN Features Supported	802.11r, 802.11d, 802.11i, Simultaneous WAN & BT 4.0, Fast roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), or EAP Fast Session resumption, Support for Ad Hoc mode
Internet Protocols over WLAN	UDP/TCP, DHCP/BootP, FTP/Mirror, HTTP, SMTP / POP3, Telnet, LPD, SNMP

BARCODE SYMBOLOGIES	
Barcode Ratios	1.5:1, 2:1, 2.5:1, 3:1, 3.5:1
Linear Barcodes	Codabar (NW-7), Code 39, Code 93, Code 128, EAN-8, EAN-13, 2 and 5 digit add-on, Interleaved 2-of-5, UCC/ EAN 128, UPC-A, UPC-E,2 and 5 digit add-on
2D Barcodes	2D Barcodes: Aztec Code, Data Matrix, GS1/DataBar™ (RSS) family, MaxiCode, MicroPDF417, PDF417, QR Code, TLC 39

FONTS/GRAPHICS	
CPCL/ZPL (Scalable)	Latin 9, Arabic, Cryillic, Hebrew, SourceCodePro, NotoMono (CJK), Hans (CJK), Thai (Angsana)
CPCL (Bitmap)	Simplified CN: 24x24 Msung, 16x16 SimSun, Trad CN: 24x24 Mkai, 16x16 New Sans MT, Vietnamese: 16x16 Utah, Japanese 16x16 MS Gothic
ZPL	Standard fonts: 25 bitmapped, smooth-scalable (CG Triumvirate™ Bold Condensed), scalable SourceCodePro, scalable NotoMono (CJK), scalable Hans (CJK), Optional fonts: Downloadable bitmapped and scalable fonts, *Contains UFST® from Agfa Monotype Corporation

PRINTER SUPPLIES

For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies to ensure consistent, optimized performance for your Zebra printer.

The ZQ320 is ideal in:

Field Service
- Invoices/Receipts
- Inventory lists
- Schedule printouts
- Parts reconciliation

Transportation & Logistics
- Invoices
- Receipts
- Ticketing

Government
- Parking violations
- eCitations
- Utility meter reading
- Postal delivery notices

DSD
- Invoices
- Proof of Delivery notices
- Receipts
- End-of-day reports

Courier
- Proof of Delivery notices
- Invoices

ZQ320 Mobile Receipt Printer Specifications (continued)

PRINT DNA SOFTWARE SOLUTIONS

The ZQ320 is supported by our powerful Print DNA suite of applications, utilities and developer tools that give our printers better performance, simplified remote manageability, and easier integration.

Productivity Tools

- Enterprise Printing Solutions
- Print Station
- Pairing Solutions
- Virtual Devices
- PDF Direct
- Zebra Designer

Management Tools

- Bluetooth Printer Management
- Printer Setup Utility
- Print Profile Manager Enterprise

Development Tools

- Browser Print
- Network Connect
- Cloud Connect
- PrintConnect
- MultiPlatform SDK

Visibility Tools

- MDM Connectors
- Visibility Services

Print DNA features may vary by model and a Support Contract may be required. For more information, please visit: www.zebra.com/printdna

ACCESSORIES

Protection	Soft Cases
Carrying	Belt Clip (included), Shoulder Strap
Cable	USB charging or communication cable, type C to type A

ACCESSORIES (CONTINUED)

Chargers and Cradles	**Large deployments:** 5-slot docking cradle, 3-slot battery charger **Small deployments:** AC-USB Adapter, 1-slot battery charger, 1-slot docking cradle **In-vehicle charging:** Cigarette lighter adapter with 2 USB ports (to charger printer and mobile computer) Vehicle adapter to charge printer and mobile computer (TC51/56) through a direct connection to the vehicle 12-24V battery Vehicle holders (for windshield, for dashboard) that connect directly to the vehicle 12-24V battery Vehicle holders (for windshield, for dashboard)

INCLUDED IN THE BOX

Printer, battery (Li-Ion 2280 mAh), belt clip, USB cable (Type C to Type A), Quick Start Guide, registration card, Safety Guide, Regulatory Guide

WARRANTY

The ZQ300 Series is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty

RECOMMENDED SERVICES

The Zebra OneCare Support Services portfolio of Essential and Select helps protect your critical operations and your printers with defined service levels. For more information go to www.zebra.com/zebraonecare

Zebra OneCare Select	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 24x7 live technical support and software updates Advance Replacement and Express Shipping (Next Day Device Replacement) Commissioning Online Return Material Authorization (RMA) support
Zebra OneCare Essential	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 8x5 live technical support and software updates Three-day depot repair turnaround time plus free return ground shipping Online Return Material Authorization (RMA) support

Note: Service availability may vary by region.

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
+1 847 955 2283
la.contactme@zebra.com

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Part number: SS-ZQ320-OUTDOOR 09/18/2017