ZQ600/ZQ600 Plus Series Printers

Premium mobile label and receipt printers for maximum productivity

Want to improve inventory management and customer service in your store? With the ZQ600/ZQ600 Plus Series mobile printer, you can. The ZQ600/ZQ600 Plus Series takes Zebra's popular QLn platform and makes it even better—adding advanced technology and innovative design that drive productivity, ease-of-use and manageability to a new level. A large color display takes all the guesswork out of printer status. Advanced battery technology and more battery capacity, power every minute of the longest shift. The instant wake-up feature ensures the ZQ600/ZQ600 Plus Series never sleeps on the job. Your workers get the fastest, most dependable wireless connections inside the four walls and your IT department will find the ZQ600/ZQ600 Plus Series easier to integrate, manage, setup and secure. The ZQ600/ZQ600 Plus Series— the next evolution in the gold standard for mobile label and receipt printing. The ZQ600 Plus Series delivers the same features and specifications as the ZQ600 Series, using redesigned electronics for long-term product continuity and availability. The ZQ600 Plus printers require new, different firmware and drivers.

Premium Features for Maximum Productivity

The Latest Wireless Connections
The ZQ600/ZQ600 Plus Series offers the fastest, most dependable wireless connections inside the four walls. With support for 802.11ac Wi-Fi and its latest security protocols, plus Bluetooth® Classic and Low Energy (BLE), your workers can count on blazing fast and secure connections.

Industry-Standard 802.11r Fast Roaming for Seamless Access
With support for 802.11r fast roaming technology, your workers can depend on a connection while they are on the move.

Instant Wake-Up Over Wi-Fi
This intelligent printer enters sleep mode when it is idle, and automatically wakes up the moment the user sends a print job. And the ZQ600/ZQ600 Plus Series' instant wake-up works over both Wi-Fi and Bluetooth.

Large Color Display Makes Configuration and Operation a Snap
The ZQ600/ZQ600 Plus Series provides a large display, user-friendly interface and easily customized menu. The ZQ600/ZQ600 Plus Series is based on Zebra's Link-OS menu system to deliver a common user experience across other Zebra Link-OS mobile, desktop and industrial printers.

Business Tough—Built for All-Day Every Day Enterprise Use
While the ZQ600/ZQ600 Plus Series is lightweight and comfortable to wear all shift long, it is loaded with features that give it long-lasting durability, including over-molding, a tempered-glass display and seamless one-piece design. The high-grade resin is one of the toughest plastics available for greater impact resistance.

Unsurpassed Battery Power Management

Do More on a Single Charge
With the ZQ600/ZQ600 Plus Series' high-capacity 3250 mAH (ZQ610 and ZQ610 Plus / ZQ620 and ZQ620 Plus) and 6800 mAH (ZQ630 and ZQ630 Plus) battery, you can be sure that every worker has plenty of power for every shift. Plus Power Smart Print Technology™, Zebra's patented technology, maximizes efficiency by delivering the exact amount of power required for the highest quality printing, saving an estimated 20 to 30 percent of battery power.

Boost associate productivity with the next evolution in mobile printing. For more information about the ZQ600/ZQ600 Plus Series, please visit www.zebra.com/zq600

Extraordinary Battery Management Capabilities
The ZQ600/ZQ600 Plus Series' PowerPrecision+ battery delivers the ultimate in battery power and management. A wealth of easily accessible battery metrics makes it easy to identify aging batteries before they impact productivity.

An Advanced Platform that Grows with Your Business

Zebra Print DNA–Your Printers' Built-In Advantage
Print DNA's suite of software capabilities leverages everything we've learned about technology, users and thousands of use cases. Stay a step ahead with remote management tools, heightened security, and ongoing updates that enable your printers to work at their highest potential.

Robust Memory to Support Applications Today and Tomorrow
The ZQ600/ZQ600 Plus Series offers 256 MB RAM and 512 MB Flash—providing more than enough memory for all your fonts and graphics needs today, as well as all the firmware upgrades and new Print DNA tools for years to come.

Backward Compatible with QLn Accessories
With more than one million units sold, Zebra's QLn Series set the bar for retail mobile printing. Now, the ZQ600/ZQ600 Plus Series raises the bar again. And since the ZQ600/ZQ600 Plus Series is backward compatible with QLn accessories, you can upgrade to the latest platform and ingenuity without buying new accessories or rebuilding the settlement room.

Maximum Uptime with Comprehensive Remote Management Options

Resolve Problems Faster with the Ethernet Cradle
Remote management is easy with the ZQ600/ZQ600 Plus Series' Ethernet Cradle. By docking the printer in the cradle at the end of every shift, IT can remotely upgrade the firmware as needed to ensure that each printer is operating at peak performance. Should employees experience a problem, they can simply dock the printer into the cradle for a remote diagnosis—eliminating the downtime and costs associated with shipping a printer to the repair depot when nothing is physically wrong.

Easily Manage All Your Printers—All from a Single Location
With our comprehensive and flexible remote management tools, you can maintain, secure and troubleshoot printers simply and easily, from anywhere, anytime. Use the free Printer Setup Utilities to simplify setup and out-of-the-box configuration tasks. And with the optional Printer Profile Manager Enterprise, you can manage one printer, a group of specific printers or all printers anywhere in the world. This browser-based solution lets you instantly discover every Link-OS printer on your network—there's no need to manually track down, configure or troubleshoot printers.

Seamless Integration with Your Device Management System
Get the simplicity of a single-pane-of-glass to manage all your Zebra mobile devices and printers—including the ZQ600/ZQ600 Plus Series. With Print DNA's MDM Connectors, you can easily integrate networked ZQ600/ZQ600 Plus Series printers into your existing AirWatch or SOTI MobiControl device management system. And if you are using Ivanti Avalanche (powered by Wavelink), the ZQ600/ZQ600 Plus Series offers support for Avalanche right out of the box.

Ensure Continued Reliability with Printhead Diagnostics
With the ZQ600/ZQ600 Plus Series, you don't need to worry about downtime from a worn-out printhead. Our unique Printhead Diagnostics provide visibility into the health of printheads across your deployment, enabling you to take action before productivity is impacted.

Protect Sensitive Customer and Business Data with PrintSecure
This complimentary Print DNA utility makes it easy to configure over 30 settings to fine-tune printer security to protect your data and your infrastructure by creating secure printer connections and blocking unauthorized printer access.

Consistently Exceptional Zebra Certified Supplies
We design, produce and rigorously pre-test our own line of thermal printing supplies to ensure consistent, optimized performance in your Zebra printer. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

Maximize Uptime, Business Operations and Printer Visibility with Services
You invest in Zebra printers to better serve your customers and boost operational efficiency. Now, you can ensure predictable performance and eliminate unbudgeted repair expenses with Zebra OneCare™. You get unmatched technical support direct from Zebra, as well as comprehensive repair services, including accidental damage and defined repair turn-around times. And Zebra's Visibility Services provide the real-time insight into printer operational information you need to increase printer availability and optimize utilization within your workflows.

ZQ600/ZQ600 Plus Accessories

The ZQ600/ZQ600 Plus Series offers all the accessories you need, from power and charging to carrying and protection options, cables and more. Please refer to the Mobile Printer Accessory Guide, found on Zebra.com, for all the accessories available for the ZQ600/ZQ600 Plus Series.

Lithium-Ion Charging Accessories

Ethernet Cradle

Connect ZQ600/ZQ600 Plus Series printers to your wired Ethernet network via the ZQ600 Series Ethernet cradle to enable easy remote management by your IT or operations staff—helping to ensure each printer is operating optimally and ready for use. The Ethernet cradle can communicate over 10 Mbps or 100 Mbps networks using auto-sense.

The single-bay ZQ600 Series Ethernet cradle also charges the battery while it is in the printer, while the 4-bay version (with optional wall mount kit) charges four printers at a time. The 4-bay version includes an internal Ethernet switch and second Ethernet port, so you can link and manage four 4-bay Ethernet cradles (a total of 16 printers) from one port.

The printer remains fully functional so you can print while it is in either cradle. The cradle's LED lights indicate DC power and Ethernet-link status.

Remote printer management over your Ethernet allows:
- Battery management for monitoring battery health.
- Firmware management for updating printer firmware.
- Print management for updating templates, fonts and graphics.
- Device management for updating startup (e.g., config. sys), WML (front panel) or HTML (browser) files.
- Network management for updating encryption keys or certificate files.
- Problem resolution and troubleshooting local printer issues that may otherwise require the printer to be sent in for repair.
- Ability to manage Bluetooth printers, which traditionally have been off-network.

AC Adapter

Connect the AC adapter to your ZQ600/ZQ600 Plus Series printer and wall outlet to charge the printer's PowerPrecision+ battery while in the printer. The printer can print labels and perform other functions during charging. Shown with printer for reference purposes; printer is not included.

Cradle

Dock and charge a single ZQ600/ZQ600 Plus Series printer in a vehicle or on a forklift. Includes 15-60V DC power supply.
Can be optionally used with a RAM Arm mount.[1]

Battery Chargers

1-Slot Battery Charger: Docks and charges a single PowerPrecision+ Li-Ion printer battery. Integrated power supply. Ships with line cord for your region.

3-Slot Battery Charger: Dock and charge up to three PowerPrecison+ Li-Ion printer batteries at a time. The 3-slot battery charger ships with a power supply and line cord for your region.

Dual 3-Slot Battery Charger with Y Cable Connection: Dock and charge up to six PowerPrecision+ Li-Ion printer batteries at a time. The dual 3-slot battery charger ships with a power supply, Y-Cable and country specific power cord. Requires the appropriate line cord for your region.

ZQ600/ZQ600 Plus Accessories (continued)

Lithium-Ion Charging Accessories (continued)

Extended Capacity PowerPrecision+ Battery

The Extended Capacity PowerPrecision+ battery option provides enhanced battery capacity over the standard PowerPrecision+ battery, providing more power for increased uptime. No need to upgrade your ZQ600/ZQ600 Plus Series printer to accommodate the extended battery—just purchase as a standalone accessory to use with your current ZQ600/ZQ600 Plus Series printer or, order it as a configurable printer option so your printer ships ready to go with this powerful accessory. The choice is yours.

Only available on ZQ610 & ZQ620

Carrying Straps/Cases

Hand Strap: Allows the printer to be carried by hand.

Shoulder Strap: Allows the printer to be carried over the shoulder.

Soft Case: Add an extra layer of protection for harsh environments with a soft case. While in the case, the printer is IP54-rated for resistance to windblown water and dust. Case provides openings for changing the media and batteries and all connectors are accessible. Includes shoulder strap.

Hard Case: Add an extra layer of protection from abrasion in harsh environments with a hard case. Includes metal belt clip.[1]

Specifications

Standard Features

- Apple® iOS, Android™ and Windows® Mobile connectivity
- Direct thermal printing of barcodes, text and graphics
- CPCL, EPL™ and ZPL® programming languages
- 512 MB Flash supports downloadable programs, receipt formats, fonts and graphics (128 MB available for user storage)
- ZQ620/ZQ620 Plus & ZQ610/ZQ610 Plus: 3250 mAh (nominal) 23.4 Wh removable, rechargeable PowerPrecision+ Li-Ion battery
  ZQ630/ZQ630 Plus: 6800 mAh (nominal) 49.4 Wh removable, rechargeable PowerPrecision + Li-Ion battery
- Built-in battery charger
- Belt clip for unobtrusive and convenient printing (not compatible with extended capacity battery)
- Black mark and gap media sensing using fixed center position sensors
- Easy-to-use peel and present mode
- Label present sensor for issuing labels one at a time
- Tear bar for easy media dispensing
- Center-loading media locking for variable roll widths
- "Clamshell" design for easy media loading
- Management: Mirror, SNMP, Web server, Profile Manager, AirWatch®, SOTI® MobiControl™ and Ivanti Avalanche® (powered by Wavelink)
- Large, easy-to-read color display (288 x 240 pixels)
- Color display can be customized using WML (text and icons)
- 5-way navigation buttons, two software defined keys
- Printer color alerts on the display
- Tolerance of multiple drops from 5 ft./1.52 m (ZQ620/ZQ620 Plus & ZQ610/ZQ610 Plus) and 6 ft./1.83 m (ZQ630/ZQ630 Plus) to concrete[2]
- IP54 dust and water resistance rating
- 400 MHz 32-bit ARM processor
- XML support
- Supports vertical and horizontal printing
- Printers can be used in any orientation
- QR barcode links to web-based help pages
- Zebra Print Touch simplifies Bluetooth pairing and launches web-based help pages with Near Field Communication (NFC) enabled devices
- Label odometer
- NTP (Network Time Protocol) support via Wi-Fi or Ethernet
- Supports Zebra Network Connect manufacturing plant floor solution when used with the Ethernet cradle
- RFID is available on the ZQ630/ZQ630 Plus as a separate product (please see the ZQ630/ZQ630 Plus RFID Spec Sheet for more information)

Physical Characteristics

Dimensions	ZQ610/ZQ610 Plus: 6.73 in. L x 3.6 in. W x 2.85 in. H 170.9 mm L x 91.4 mm W x 72.4 mm H ZQ620/ZQ620 Plus: 6.84 in. L x 4.64 in. W x 3.03 in. H 173.7 mm L x 117.9 mm W x 76.9 mm H ZQ630/ZQ630 Plus: 7.35 in. L x 6.5 in. W x 3.25 in. H 186.7 mm L x 165.1 mm W x 82.5 mm H Note: The Extended Capacity Li-Ion smart battery option adds 0.6 in./16 mm to the height of either ZQ600/ZQ600 Plus Series printer.
Weight with battery	ZQ610/ZQ610 Plus: 1.33 lbs/0.6 kg ZQ620/ZQ620 Plus: 1.6 lbs/0.73 kg ZQ630/ZQ630 Plus: 2.45 lbs/1.1 kg

Printer Specifications

Operating System	Link-OS®
Resolution	203 dpi/8 dots per mm
Memory	256 MB RAM; 512 MB Flash (standard)
Maximum Print Width	ZQ610/ZQ610 Plus: 1.9 in./48 mm ZQ620/ZQ620 Plus: 2.8 in./72 mm ZQ630/ZQ630 Plus: 4.1 in./104 mm
Maximum Print Speed	Up to 4.5 in./115 mm per second
Media Sensors	Black mark and gap media sensing using fixed center position sensors; label present sensor for issuing batch labels one at a time
Print Length	Minimum: 0.5 in./12.7 mm Maximum: 32 in./813 mm
Power	ZQ610/ZQ610 Plus & ZQ620/ZQ620 Plus: 3250 mAh (nominal) 23.4 Wh removable, rechargeable PowerPrecision+ Li-Ion battery ZQ630/ZQ630 Plus: 6800 mAh (nominal) 49.4 Wh removable PowerPrecision+ Li-Ion battery

Media Characteristics

Label and Liner Length	0.5 in./12.7 mm to 32 in./813 mm or continuous
Media Width	ZQ610/ZQ610 Plus: 1.0 in./25 mm to 2.18 in./55.4 mm ZQ620/ZQ620 Plus: 1.0 in./25 mm to 3.125 in./79 mm ZQ630/ZQ630 Plus: 2.0 in./51 mm to 4.4 in./112 mm (linered) 2.0 in./51 mm to 4.1 in./104 mm (linerless)
Maximum Media Roll Size	ZQ610/ZQ610 Plus: 2.2 in./55.9 mm OD on a 0.75 in./19 mm or 1.375 in./34.9 mm inner core ZQ620/ZQ620 Plus: 2.6 in./66 mm OD on a 0.75 in./19 mm or 1.375 in./34.9 mm inner core ZQ630/ZQ630 Plus: 2.6 in./66 mm O.D. on a 0.75 in./19 mm or 1.375 in./34.9 mm inner core
Thickness	2.3 mil to 5.5 mil tag stock or 6.5 mil label stock
Media Types	Die-cut labels and tags, linerless labels, receipt paper, RFID (ZQ630/ZQ630 Plus RFID compatible), black bar and gap

Operating Characteristics

Environment	Operating Temp.: -4°F to 122°F/-20°C to 50°C Operating Humidity: 10% to 90% non-condensing Storage/Transportation Temp.: -13°F to 149°F/-25°C to 65°C[1] Storage Humidity: 10% to 90% non-condensing
Agency Approvals	Emissions: FCC Part 15, Subpart B, EN55022 Class-B, EN60950, EN55024 and VCCI class B Susceptibility: EN55024, EN61000-4-2, EN61000-4-3, EN61000-4-4, and EN61000-4-5 Safety: CE, TUV, CSA
Security	FIPS support is available at no cost as a printer OS download. Please contact your Zebra Sales Representative for further information.

Firmware

CPCL, EPL and ZPL programming languages

ZBI 2.x™—powerful programming language that lets printers run standalone applications, connect to peripherals, and much more

Markets and Applications

Retail
- Shelf Edge Labels
- Mark Down Labels
- Replacement Tags
- Mobile Point of Sale Receipts
- Return Labels

Manufacturing/ Warehouse
- Pick and Pack Labels /Lists
- Raw Materials
- Finished Goods
- RFID Case/Pallet Labels[1]

Transportation & Logistics
- Receiving
- Put Away
- Reverse Logistics Inventory Management
- Cycle Count
- Cross-Docking
- Picking
- Staging
- Packing
- Shipping

Barcode Symbologies

Barcode Ratios: 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1

Linear Barcodes: Code 39, Code 93, UCC/EAN128, Code 128, Codabar (NW-7), Interleaved 2-of-5, UPC-A, UPC-E, 2 and 5 digit add-on, EAN-8, EAN-13, 2 and 5 digit add-on

2D Barcodes: PDF417, MicroPDF417, MaxiCode, QR Code, GS1/DataBar™ (RSS) family, Aztec, MSI/ Plessey, FIM Postnet, Data Matrix, TLC39

Fonts and Graphics

Standard Fonts: 25 bitmapped, 1 smooth, scalable (CG Triumvirate Bold Condensed[1])
Optional Fonts: downloadable bitmapped/scalable fonts
International Character Sets (optional): Chinese (traditional/simplified); Japanese; Korean; Thai, Vietnamese
[1]Contains UFST® from Agfa Monotype Corporation

Communication and Interface Capabilities

ZebraNet® 802.11ac radio with support for:
• TKIP and AES encryption
• WPA and WPA2
• 802.1x (with WPA or WPA2)
• EAP-FAST, EAP-TTLS, EAP-TLS, PEAP, LEAP
• 802.11d and 802.11i
• Simultaneous Bluetooth 4.2 dual radio
• Wi-Fi Certification
• Fast roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), EAP Fast Session resumption or 802.11r

Bluetooth 4.2 (Classic and BLE) radio
• Security modes 1–4
• "Made for iPod/iPhone/iPad" certified
• Key Bonding

10/100 Ethernet support (via charging cradle)

Cabled Communications Specifications
• USB 2.0 full-speed interface (12 Mbps)
• Mini-B connector with optional strain relief
• Serial interface: 14-pin RS-232C port for communication to terminal or other host up to 115.2 Kbps

Print DNA Software

Durable printers are essential, but it's the software inside that will keep them in action. That's why we built Zebra Print DNA into our printers. It's a suite of software capabilities that give you the ability to optimize printer performance over their entire lifecycle even as your business needs evolve. For more information, please visit www.zebra.com/printdna

Product Warranty

The ZQ600 and ZQ600 Plus Series printers are 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 Essential and Select Services maximize the availability and productivity of your devices. Key features include 24/7 technical support, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available. For more information go to www.zebra.com/zebraonecare (Note: Service availability may vary by region.)

Footnotes

1. Only available on the ZQ630/ZQ630 Plus
2. Tested per MIL-STD-810G
Features are subject to availability. Specifications are subject to change without notice.

ZQ300/ZQ300 Plus Series Printers

Class-leading mobile printing versatility, durability and remote management

Mobile printing capabilities in your retail store directly impact customer service quality and associate productivity. Time spent by your field workers writing receipts could be time spent making more customer visits. The Zebra ZQ300/ZQ300 Plus Series printers let your associates do it all. With receipt printing, associates can ring up sales anywhere in the store. With on-the-spot printing of labels, store associates can complete markups, markdowns and shelf label audits faster and more accurately. Choose the dark grey color scheme with scuff resistant exterior adding extra protection for demanding environments and outdoor use or the more contemporary silver and black color scheme—perfect for design conscious retail customers. The ZQ300 Plus Series delivers the same features and specifications as the ZQ300 Series, using redesigned electronics for long-term product continuity and availability. The ZQ300 Plus printers require new, different firmware and drivers.

Print Inside—and Outdoors
With IP54 sealing and support for water-resistant media, you can count on the indoor and outdoor model to print legible text and scannable barcodes, even in the rain or snow.

Global Media Support
The ZQ300/ZQ300 Plus Series accommodates international metric and US media widths.

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.

More Versatility For More Value

Connect to Virtually Any Handheld
Pair the ZQ300/ZQ300 Plus Series 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. It's also MFi certified for iOS devices.

One Printer—Dual Capabilities: Receipts and Labels
Now, one printer can do double duty: the same printer your store associates use for point of sale transactions can also print labels for shelves, item markdowns and markups.

Superior Industrial Design

Sleek on the Outside, Superior Zebra Design on the Inside
The lightweight design ensures user comfort all shift long. The slim profile makes it easy to use in tight spaces. And while its contemporary look fits 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, and specifications for a 5 ft./1.5 m drop and 500-drop tumble, which simulates the real-world tumbling that follows a drop.

The affordable mobile printer that delivers big business value—The ZQ300/ZQ300 Plus Series
For more information about the ZQ300/ZQ300 Plus Series,
visit **www.zebra.com/ZQ300**

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 Classic and Low Energy (BLE). And with support for WLAN 802.11ac and the latest Wi-Fi™ security protocols, you get blazing fast and secure connections.

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, giving you more consistent and dependable wireless connections for maximum productivity.

Split-Second, Tap-To-Pair Simplicity
The integrated NFC tag allows users to pair the ZQ300/ZQ300 Plus Series with any Zebra NFC-enabled mobile device with a quick tap. Even new and temporary workers are up and running in seconds.

Maximize Battery Power and Minimize Battery Management Time and Cost

Full-Shift Power and Extraordinary Battery Management
The PowerPrecision+ 2280 mAh battery, a unique sleep mode, plus patented Power Smart Print Technology™ combine to minimize power requirements, offering one of the longest cycle times in this class. A wealth of battery metrics makes it easier than ever to identify and replace aging batteries before they impact productivity.

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.

Reduce Battery Power Consumption Up to 30 Percent
While competitive devices provide a constant level of power, the ZQ300/ZQ300 Plus Series print speed is adjusted dynamically in real time with patented Power Smart Print Technology™—using many factors, including motor torque, battery and print head temperature, print density 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—which can also accommodate select Zebra mobile computers—make it easy to cost-effectively create a rack-based backroom charging station for all your devices. 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

Industry-First Application for Easy, Remote Management
Zebra's one-of-a-kind Bluetooth Remote Management application gives you real-time visibility and remote management of all ZQ300/ZQ300 Plus Series printers that are connected to any Android device via Bluetooth. This application collects and sends a wealth of information about the ZQ300/ZQ300 Plus Series 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. And since this solution utilizes a secondary Bluetooth communication channel, it won't interfere with ZQ300/ZQ300 Plus Series printing.

Zebra Print DNA–Your Printers' Built-In Advantage
Print DNA's suite of software capabilities leverages everything we've learned about technology, users and thousands of use cases. Stay a step ahead with remote management tools, heightened security, and ongoing updates, so your printers work at their highest potential.

Optional Printer Management Services for Maximum Flexibility
Our cloud- and subscription-based Asset Visibility Service (AVS) provides insight into the basic health information and proactive steps required to keep your ZQ300/ZQ300 Plus Series printers up and running—all for just pennies a day. 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.

Maximize Printer Availability with Zebra OneCare™ Services
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.

ZQ300/ZQ300 Plus Accessories

The ZQ300/ZQ300 Plus Series offers all the accessories you need, from power and charging to carrying and protection options, cables and more. Please refer to the Mobile Printer Accessory Guide, found on Zebra.com, for all the accessories available for the ZQ300/ZQ300 Plus Series.

Chargers and Cradles

Multi-Slot and Single-Slot

5-Slot Docking Charger
Dock and charge up to five ZQ300 or ZQ300 Plus Series 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 ZQ300 or ZQ300 Plus Series 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

1-Slot Docking Cradle
Dock and charge a single ZQ300 or ZQ300 Plus Series 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 ZQ300 or ZQ300 Plus Series 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

AC Adapter

AC to USB Adapter

Use this AC to USB Adapter to charge your ZQ300 or ZQ300 Plus Series 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 (one battery ships with the printer). Battery Capacity: 2280 mA.

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 ZQ300 or ZQ300 Plus Series printer and a Zebra TC51 or TC56 mobile computer, simultaneously. Includes open ended and cigarette lighter adapter cables.

Vehicle Holder—Dashboard
Attach the ZQ300 or ZQ300 Plus Series to the vehicle dashboard with this printer vehicle holder.

Vehicle Holder—Windshield
Attach the ZQ300 or ZQ300 Plus Series to the vehicle windshield with this printer vehicle holder.

ZQ300/ZQ300 Plus Accessories

Carrying and Protection Options

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

Shoulder Strap
Easily carry the ZQ300 or ZQ300 Plus Series 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
Replacement ZQ300 or ZQ300 Plus Series platen roller.

Media Spacer
Spacers for ZQ300 or ZQ300 Plus Series media compartment to accept 3 in./76.2 mm or
2 in./50.8 mm wide paper

Specifications

Physical Characteristics

Dimensions	ZQ310/ZQ310 Plus: 130 mm L x 93.5 mm W x 49.5 mm H 5.12 in. L x 3.68 in. W x 1.95 in. H ZQ320/ZQ320 Plus: 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	ZQ310/ZQ310 Plus: 601.7 cc/36.7 cubic in. ZQ320/ZQ320 Plus: 757.4 cc/46.2 cubic in.
Weight with battery	ZQ310/ZQ310 Plus: 0.37 kg/0.81 lbs ZQ320/ZQ320 Plus: 0.43 kg/0.95 lbs

Printer Specifications

Operating System	Link-OS® printer operating system
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	ZQ310/ZQ310 Plus printer: 48 mm/1.89 in. ZQ320/ZQ320 Plus printer: 72 mm/2.83 in.
Maximum Print Speed	Up to 4 ips (100 mm/s)
Media Sensors	Black mark Gap (optional) (bar sensor is for the top side marks only)
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	ZQ310/ZQ310 Plus printer: 58 mm +0.75 mm/2.28 in. +0.02 in.; spacers available to support 50.8 mm +0.75 mm/2 in. +0.02 in. ZQ320/ZQ320 Plus printer: 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	0.05334 mm/0.0021 in. to 0.16 mm/0.0063 in.
Media Types	Direct thermal: receipt paper, linerless labels, labels
Minimum Receipt Length	12.5 mm/0.49 in.
Maximum Receipt Length	Unconstrained in line mode
Label Counter	Odometer

Operating Characteristics

Operating Temp.	-15° to +50°C/5° to +122° F
Storage Temp.	-20° to 60°C/-4° to +140° F
Charging Temp.	0° to 40°C/0° to +140° F
Operating Humidity	10% to 90% non-condensing
IP Rating	IP54
Drop Specification	1.5 m/5 ft. tested over operating temp. range
Tumble Specification	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; T V and IEC 60950 standard for Safety; NOM, C-Tick, VCCI, S-Mark, PSE, CCC, MII Bluetooth SIG-registered and Wi-Fi certified
Validation Testing	The ZQ300 and ZQ300 Plus 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 4.2
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	TKIP, AES encryption, WPA, WPA2, 801.1X (WPA or WPA2) EAP- FAST, EAP- TTLS, EAP-TLS, PEAP, LEAP
WLAN Features Supported	802.11r, 802.11d, 802.11i, Simultaneous WAN and BT 4.2, Fast roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), or EAP Fast Session resumption
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

Markets and Applications

Field Service
- Invoices/Receipts
- Inventory Lists
- Schedule Printouts
- Parts Reconciliations

Transportation and Logistics
- Invoices
- Receipts
- Ticketing

Government
- Parking Violations
- E-citations
- Utility Meter Reading
- Postal Delivery Notices

DSD
- Invoices
- Proof of Delivery

Notices
- Receipts
- End-of-Day Reports

Courier
- Invoices

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

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

Print DNA Software

Durable printers are essential, but it's the software inside that will keep them in action. That's why we built Zebra Print DNA into our printers. It's a suite of software capabilities that give you the ability to optimize printer performance over their entire lifecycle even as your business needs evolve. For more information, please visit www.zebra.com/printdna

Product Warranty

The ZQ300 and ZQ300 Plus Series printers are 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 Essential and Select Services maximize the availability and productivity of your devices. Key features include 24/7 technical support, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available. For more information go to www.zebra.com/zebraonecare Note: Service availability may vary by region.