

ZQ630 Mobile Printer



Want to improve specimen labeling accuracy, staff productivity and patient safety? With the ZQ600 Healthcare Series, you can. The ZQ600 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. Designed specifically for healthcare, these compact printers are built to withstand constant disinfecting. The color display takes all the guesswork out of printer status. Advanced battery technology powers every minute of the longest shift. The ZQ600 offers the fastest, most dependable wireless connections inside the four walls and your IT department will find the ZQ600 easier to integrate, manage and secure thanks to Zebra's Link-OS® printer operating system and powerful Print DNA suite of applications, utilities and developer tools. **PREMIUM FEATURES FOR MAXIMUM PRODUCTIVITY** The Latest Wireless Connections for Fast and Secure Printing The ZQ600 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), healthcare staff can count on blazing fast and secure connections.

Rating: Not Rated Yet

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Description

Standard Features

Disinfectant-ready plastics in a healthcare color scheme

- 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)
- 3250 mAh (nominal) 23.4 Wh removable, rechargeable PowerPrecision+ Li-Ion battery
- Built-in battery charger
- Belt clip for unobtrusive and convenient printing
- 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 to concrete
- 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

Barcode Symbolologies

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

Physical Characteristics

Dimensions	ZQ610: 6.5 in. L x 3.5 in. W x 2.75 in. H 165 mm L x 89 mm L x 70 mm H ZQ620: 6.8 in. L x 4.6 in. W x 3.3 in. H 173 mm L x 117 mm W x 84 mm H
Weight With Battery	ZQ610: 1.33 lbs/0.6 kg ZQ620: 1.6 lbs/0.73 kg

Communication and Interface Capabilities

ZebraNet® 802.11ac radio with support for:

- WEP, TKIP and AES encryption
- WPA and WPA2
- 802.1x (with WEP, 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 innovations
- Serial interface: 14-pin RS-232C port for communication to terminal or other host up to 115.2 Kbps

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: 1.9 in./48 mm ZQ620: 2.8 in./72 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	3250 mAh (nominal) 23.4 Wh removable, rechargeable PowerPrecision+ Li-Ion battery

Media Characteristics

Maximum Label and Liner Length	ZQ610: 0.5 in./12.7 mm to 32 in./813 mm or continuous ZQ620: 0.5 in./12.7 mm to 32 in./813 mm or continuous
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Media Width	ZQ610: 1.0 in./25 mm to 2.18 in./55.4 mm ZQ620: 1.0 in./25 mm to 3.125 in./79 mm
Maximum Media Roll Size	ZQ610: 2.2 in./55.9 mm OD on a 0.75 in./19 mm or 1.375 in./34.9 mm inner core ZQ620: 2.6 in./66 mm OD 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 RFID compatible), black bar and gap sensing

Operating Characteristics

Environment	Operating Temp.: 32°F to 122°F/0°C to 50°C Operating Humidity: 10% to 90% non-condensing Storage/Transportation Temp.: -13°F to 149°F/-25°C to 65°C1 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