



## QL 320

Mobile Printing For Businesses On The Go

### Rugged mobile printers to meet your changing business needs.

The QL 320 direct thermal mobile printer has been designed with the most advanced technology in rubberized over-molding to maintain both rugged construction and minimal weight. With center-loading media, smart battery monitoring and an optional LCD, it provides user-friendly options to keep your business moving.

### QuickLink™ Radio Options

From Bluetooth and CompactFlash to SRRF and more, the QL 320's QuickLink offers a flexible solution that can adjust to a wide range of connectivity needs.



Connect with it. Count on it.™



Remove and replace wireless modules on the QL 320 quickly and easily for added flexibility and capabilities, such as Bluetooth or RF LAN connectivity.

### For more information

Contact your Zebra representative for additional printer specifications. To learn more about innovative mobile printers, call +1 800.423.0442, or visit our Web site.

[www.zebra.com](http://www.zebra.com)



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### Other Locations

*United States:* California, Florida, Wisconsin

*Europe:* France, Germany, Italy, United Kingdom

*Asia-Pacific:* Australia, China, Japan, Singapore,

South Korea

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QL 320  
#11370L (11/01)10M

Specifications at a Glance\*

**Standard Features**

- Print method: Direct thermal
- Rubber infused plastic over-mold design for tough conditions
- Battery monitoring via a battery low indicator light or gauge on the optional LCD
- Lithium Ion battery
- Peel and present mode
- "Clamshell" design and center locking media loading
- Backward compatible with Encore™ and Cameo™ media and cables
- Label Vista™ and Windows™ printer drivers
- Patent pending media width auto-sensing feature

**Operating Characteristics Environment**

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| <p><b>Environment</b></p> <ul style="list-style-type: none"> <li>• Operating Temp.: 5°F/-15°C to 122°F/50°C</li> <li>• Storage Temp.: -13°F/-25°C to 158°F/70°C</li> <li>• Operating Humidity: 10% to 80% non-condensing</li> <li>• Storage Humidity: 10% to 90% non-condensing</li> <li>• Water resistant to NEMA 3R standards</li> </ul> <p><b>Electrical</b></p> <ul style="list-style-type: none"> <li>• 7.4V Lithium Ion battery</li> <li>• External charger options</li> </ul> | <p><b>Communication Interface Capabilities</b></p> <ul style="list-style-type: none"> <li>• 8 pin din (RS232C)</li> <li>• Selectable baud rate: 9600 to 57.6 kbps</li> <li>• Xon/Xoff or Hardware flow control</li> <li>• SRRF option</li> </ul> <p><b>Agency Approvals</b></p> <ul style="list-style-type: none"> <li>• Part 15 FCC Class A and CE compliance: built to UL, CUL, and TUV standards</li> </ul> |
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**Media Characteristics**

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| <p><b>Labels/Receipts</b></p> <p>Max. Roll Size</p> <ul style="list-style-type: none"> <li>• 2.625"/66.68mm O.D. on a .75"/19.05mm core</li> </ul> <p>Thickness</p> <ul style="list-style-type: none"> <li>• 2.5mil to 6.5mil</li> </ul> | <p><b>Media Type</b></p> <ul style="list-style-type: none"> <li>• Roll-fed, die-cut, linerless, receipt</li> </ul> <p>For optimum print quality and printer performance, use Genuine Zebra Supplies.</p> |
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**Fonts/Graphics/Symbologies**

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| <p><b>Fonts and Character Sets</b></p> <ul style="list-style-type: none"> <li>• Five resident scalable, rotatable fonts available from 12-48 pt.</li> <li>• Downloadable soft fonts from Label Vista™ software</li> <li>• Optional international character sets</li> </ul> <p><b>Graphic Features</b></p> <ul style="list-style-type: none"> <li>• Graphics, line and box drawing features; PCX bitmap supported</li> </ul> | <p><b>Bar Code Symbologies</b></p> <ul style="list-style-type: none"> <li>• Code 39, Code 93, Code 128; Codabar; Interleaved 2 of 5; FIM Postnet; UPC-A, UPC-E, 2 &amp; 5 digit add-on; EAN-8, 13, 2 &amp; 5 digit add-on; MSI/Plessey; UCC/EAN 128</li> <li>• 2-Dimensional: PDF-417; Maxi Code</li> </ul> |
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**Options and Accessories**

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| <ul style="list-style-type: none"> <li>• LCD control panel</li> <li>• 802.11b wireless local area network (WLAN), Bluetooth or proprietary short-range radio frequency (SRRF)</li> <li>• Up to 2MB SRAM; 2MB Flash</li> <li>• Linerless printing</li> </ul> | <ul style="list-style-type: none"> <li>• Spare Lithium Ion battery packs</li> <li>• Battery chargers</li> <li>• International character sets</li> <li>• Label Vista software for receipt and label design and font creation</li> </ul> |
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The QL 320 is perfect for moderate volume printing needs in indoor/outdoor applications including:

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| <ul style="list-style-type: none"> <li>• Price marking</li> <li>• Shelf labeling</li> <li>• Bin labeling</li> <li>• Product identification</li> <li>• Shipping/Receiving</li> </ul> | <ul style="list-style-type: none"> <li>• Ticketing</li> <li>• Asset tracking</li> <li>• Pharmaceutical labeling</li> <li>• Mobile receipt printing</li> </ul> |
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**Rugged, Lightweight Printer**

- Rubber infused plastic over-mold design for tough conditions
- Resistant to drops of up to five feet
- Weighs less than 1.75 pounds for effortless mobility

**Load and Go!**

- Center-locking media loading
- Peel and present mode with the flip of a bar

**The QuickLink Connection**

The QL 320 signals an evolution in wireless connectivity! Just choose the QuickLink connectivity module that suits your wireless needs and "link" up!

- 802.11—instant connection to legacy WLAN environments
- 802.11b—the latest and greatest WLAN connectivity
- Bluetooth—add mobile printing to you work group or piconet (ad hoc network of seven Bluetooth devices)
- 916MHz SRRF or 2.4GHz SRRF (higher frequency option to complement your 916Mhz legacy backbone)
- IrDA—for low cost, line of sight wireless connectivity
- Cable-ready—connect via cables to a wider variety of terminals than any other mobile printing solution on the market

**Maximum Print Area**

Width: 2.9"/71.2mm  
 Length (with standard memory): 16"/406.34mm

**Resolution**

203dpi/8dots per mm

**Maximum Print Speed**

4"/101.6mm per second

**Memory**

1MB SRAM; 1MB Flash (standard)  
 2MB SRAM; 2MB Flash (optional)

**Physical Characteristics**

Width: 4.6"/116.8mm  
 Depth: 3.1"/78.7mm  
 Height: 8"/203.2mm  
 Weight (with battery): 1.65lbs./748g

**Media Specifications**

Label and liner width:  
 1.5"/38.1mm to 3.12"/79.2mm



FM-3222B  
 An ISO 9001 registered company

\*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.