



Zebra® QL 420-Plus Mobile Printer

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

Open access design and center locking media loading

Backward compatible with Encore and Cameo media and cables

Label Vista and Windows printer drivers

Quick Flip Peel and Present Mode

USB 2.0 Full Speed Support

Native CPCL, ZPL, EPL2, and XML support

Printer Specifications

Resolution

203 dpi (8 dots/mm)

Memory

8 MB Flash

16 MB RAM

Print width

4.09" (103.9 mm) maximum

Print length

20" (508 mm) maximum

Print speed

3" (76 mm)/sec

Media Characteristics

Maximum label and liner width

2" (50.8 mm) to 4.12" (104.6 mm)

Maximum roll diameter

2.625" (66.68 mm) on .75" (19.05 mm) core

Core diameter

Interchangeable .75" (19.1 mm) or 1.38" (34.9 mm)

Media thickness

Label thickness: 2.5 mil to 6.5 mil / Tag receipt thickness: 2.5 mil to 6.0 mil

Media types

roll-fed, die-cut, linerless, receipt, fanfold, black bar

Operating Characteristics

Operating temperature

DT: Operating temperature 5° F (-15° C) to 122° F (50° C) Direct thermal

Storage temperatures

-13° F (-25° C) to 158° F (70° C)

Operating humidity

10-80% non-condensing

Storage humidity

10-90% non-condensing

Electrical

External charger options

Lithium Ion

2.1 Ah

7.4 V

Agency approvals

- * FCC and CE Class B compliance
- * Design certified by CSA
- * CB Scheme report
- * NOM certified
- * C-Tick clearance

Physical Characteristics

Width

6.0" (152.4 mm)

Height

7.5" (190.5 mm)

Depth

3.0" (76.2 mm)

Weight

2.0 lbs (0.907 kg)

Related Products

Options

- * LCD control panel
- * 802.11b or 802.11g wireless local area network (WLAN) and/or Bluetooth
- * Wireless Security Support (ie. WPA, WPA2, VPN, 802.11i)
- * Media width auto-sensing feature
- * Linerless printing
- * Spare Lithium Ion battery packs
- * Battery chargers
- * International character sets
- * Label Vista software for receipt and label design and font creation

Communication and Interface Capabilities

- * RS-232 8PIN DIN connector serial port
- * Selectable baud rate 9600 to 115.2 kbps
- * Xon/Xoff or hardware flow control
- * Optional: Bluetooth
- * Optional: 802.11b and 802.11g Wireless LAN

Programming Languages

Core programming languages

EPL2, CPCL-native, ZPL, XML

Bar Codes/Symbologies

Linear

Codabar
Code 128
Code 93
Code 39
EAN-13
EAN-8
Interleaved 2-of-5
MSI
Plessey
Postnet
UCC/EAN-128
UPC-A
UPC-E
EAN-18
FIM

2-dimensional

MaxiCode
PDF417
Aztec
Data Matrix
QR Code
RSS / GS1 DataBar family (12 barcodes)

Fonts and Graphics

Fonts and Graphics

- * Standard fonts: five resident scalable, rotatable fonts from 12-48 pt.
- * Downloadable soft fonts from Label Vista software
- * Optional international character sets
- * Supports graphics, line and box drawing features; PCX and bitmap