

Specifications at a Glance*

Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Steel frame and cabinet with metal interior components
- Single-level Element Energy Equalizer™ (E³™) for superior print quality
- Fast 32-bit processing
- Selectable print speeds up to 8"/second
- Transmissive media sensor
- Standard 2-line, 16-character LCD control panel
- Internal real-time clock
- Unicode™ compliant
- XML-Enabled printing—direct-connect integration for bar code label printing; eliminates license fees and print server hardware and lowers customization and programming costs

Printer Specifications

Resolution

- 203 dpi/8 dots per mm;
- 300 dpi/12 dots per mm (optional)

Memory

- Standard: 6 MB SDRAM; 4 MB Flash
- Optional:
 - Up to 256 MB—PCMCIA card or CompactFlash® (CompactFlash not supported with ZebraNet Wireless Plus)
 - 64 MB Flash memory (factory installed)

Print Width

- Width: 4.09"/104 mm
- Print Length with 203 dpi: 106"/2,692 mm (with standard memory)
- Print Length with 300 dpi (optional): 65"/1,651 mm (with standard memory)

Print Speed

8"/203 mm per second (203/300 dpi)

Media Sensors

Transmissive (standard) and Reflective (optional)

Media Characteristics

Maximum label and liner length

39"/991 mm

Maximum label and liner width

.79"/20 mm to 4.52"/115 mm

Maximum roll outer diameter (O.D.)

8"/203 mm

Core inner diameter (I.D.)

3"/76 mm

Media thickness

.003"/.076 mm to .012"/.305 mm

Media types

Roll-feed, die-cut, continuous, fanfold, tags, tickets

For optimum print quality and printer performance, use genuine Zebra™ supplies.

Ribbon Characteristics

Outside diameter

3.2"/81.3 mm

Standard length

984'/300 m to 1,476'/450 m

Ratio

2:1 and 3:1 media roll to ribbon ratio

Width

.79"/20 mm to 4.5"/114 mm

Ribbon setup

- Ribbon wound ink side out
- Ribbon is recommended to be at least as wide as media.

Core inner diameter (I.D.)

1"/25.4 mm

Operating Characteristics

Environmental

- Operating Temp. 32° F/0° C to 104° F/40° C
- Storage/Environ. -40° F/-40° C to 140° F/60° C
- Operating Humidity 20-85% non-condensing
- Storage Humidity 5-85% non-condensing

Electrical

Universal power supply with factor correction
90-264 VAC; 48-63 Hz

Agency Approvals

UL 1950; CISPR 22 (Class B); CSA 950; IEC 950; 801-2, -3 and -4 standards; Canadian Doc. (Class A); FCC (Class A); CE compliance

Physical Characteristics

- Width: 11.2"/283 mm
- Height: 15.5"/394 mm
- Depth: 19.5"/495 mm
- Weight: 55 lbs/25 kg
- Shipping weight: 63 lbs./29 kg

Related Products

Options and Accessories

- 300 dpi printhead
- Full width cutter with orderable catch tray
- Internal rewind spindle
- Peel/liner rewind (for print-and-apply)
- Reflective media sensor
- Fanfold bin

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro
- ZebraDesigner for XML
- ZebraDesigner
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities v 7.0
- Zebra Universal Driver
- European and Asian font sets
- ZBI-Developer™

Networking

- ZebraNet® 10/100 Print Server
- ZebraNet Wireless Plus
- Twinax and coax interfaces (internal)

Firmware

- ZPL II®
- Global Printing
- APL-I™/APL-D™ (Contact Zebra Development Services for additional details)
- Web View
- Alert
- XML-Enabled printing
- ZBI 2.0™

Communication and Interface Capabilities

Centronics® RS-232 RS-422*, and RS-485* serial ports; IEEE 1284 bi-directional parallel

Bar Code Symbolologies

Linear Bar Codes

Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, GS1 DataBar (RSS)

2-Dimensional

Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, GS1 DataBar (RSS), Aztec

Fonts and Graphics

Fonts and Character Sets

- Standard Fonts: 7 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- Sets: IBM® Code Page 850 International character set
- Contains UFST® from Monotype Imaging, Inc.

Graphic Features

- Supports user-defined fonts and graphics—including custom logos
- ZPL II drawing commands—including boxes, circles and diagonal lines