



Z Series™

Thermal, On-demand Bar Code Printers

Competitively priced, state-of-the-art performance printers you can customize to your printing needs.

Z Series printers are the price/performance leader in their class. With print speeds of up to 10 inches per second (ips), they are some of Zebra's fastest printers. Thanks to the Z Series' modular design, it's easy to add optional features that can be field-installed as your needs change.

Wide-label Printing

The Z6000's 6.6-inch print width enables users to print wide or "multiple up" labels without rotating the image or compromising bar code readability. Both the Z6000 and Z4000 are ideal for a broad range of print-on-demand labeling applications.



When it's on the line.™



Z Series™

Competitively Priced, State-of-the-art Printer

- Best price value in its class
- Prints up to 10 ips
- Prints label and tag stock up to seven inches wide for forms or multiple-up labels
- Flash memory
- Auto-calibration; auto-detectable power supply

Simple Operation/Easy-to-load Media

- Easy-to-use, color-coded operator cues
- Intuitively designed front panel controls
- Clear media window
- Bi-fold media door and cantilevered printhead design for easy access

Modular Design

- Protects your investment by allowing future printer modifications and upgrades, including:
 - 300dpi
 - Media handling (cutter and catch tray; full media rewind)
 - 2MB Flash or 8MB Flash via PCMCIA card; 2MB DRAM
 - ZebraNet® PrintServer II
 - LCD display on front panel

For more information

Contact your Zebra representative for additional printer specifications. For information on Zebra's other printers, supplies, software and accessories, ask your reseller, call +1 800.423.0442, or visit our Web site.

www.zebra.com



Zebra Bar Code Products

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Specifications at a Glance*

Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Die-cast aluminum frame
- Zebra E³ Printhead Energy Control
- Auto-calibration
- Auto-detectable power supply

Zebra Programming Language (ZPL® & ZPL II®)

- Universal language for Zebra printers. Simplifies label formatting and enables seamless compatibility with other Zebra printers.

Operating Characteristics

Environment

- Operating Temp. 40°F/5°C to 105°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 auto-detectable power supply 90-265 VAC; 48-62 Hz; 5A fused

Communication Interface Capabilities

- RS-232C/422/485 serial port
- IEEE 1284 compatible, bi-directional parallel port

Agency Approvals

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

Media Characteristics

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

Labels and Tags

Max. Roll Size

- 8"/203mm O.D. on a 3"/76mm I.D. core

Thickness (label & liner)

- .0023"/.058mm-.010"/.25mm

Media Type

- Continuous or fanfold, die-cut, black mark, perforated, notched, tag stock

Ribbons

Ribbon is recommended to be at least as wide as media.

Max. Roll Size

- 3.2"/81.3mm O.D. on a 1"/25.4mm I.D. core

Standard Lengths

- 984/300m-1476/450m; provides 2:1 & 3:1 media roll to ribbon ratios

Ribbon Set-up

- Ribbon wound ink side out

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Standard Fonts: 9 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- Sets: IBM® Code Page 850 International character set
- Optional European and Asian font sets

Graphic Features

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

Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digital extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
- Two-Dimensional: CODABLOCK, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, Micro PDF-417

Options and Accessories

- 300dpi printhead
- 3MB DRAM (with 2MB DRAM option); up to 2MB Flash; up to 8MB via PCMCIA card
- LCD front panel
- Cutter with catch tray
- Full roll peel/rewind combination

- PCMCIA connector (supports PC cards up to 8MB)
- ZebraNet PrintServer II (for Ethernet connectivity)
- BAR-ONE® software
- European and Asian font sets



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Z 6 0 0 0

Both the Z4000 and Z6000 are perfect for moderate volume printing applications in commercial or light industrial environments, including:

- Shipping/Receiving or other compliance labeling
- Asset tracking
- Inventory control
- Ticketing
- Work-in-process
- Applications requiring labels with high-resolution graphics or small fonts

Z4000

Maximum Print Area

Width: 4.09"/104mm

Length with 203dpi:

37"/940mm (with standard memory)

39"/991mm (with optional memory)

Length with 300dpi:

16"/406mm (with standard memory)

39"/991mm (with optional memory)

Resolutions

203dpi/8dots/mm or 300dpi/12dots/mm

Maximum Print Speed

10"/254mm per second (with 203dpi)

Memory

Standard: 1MB DRAM

Optional: 2MB DRAM (brings memory to 3MB DRAM); up to 2MB Flash; up to 8MB Flash via PCMCIA card

Physical Characteristics

Width: 10.27"/261mm

Depth: 18.28"/464mm

Height: 11.47"/291mm

Weight: 25lbs./11kg

Media Specifications

Label and liner width:

1"/25.4mm–4.5"/114mm

Ribbon width:

.94"/24mm–4.33"/110mm

Z6000

Maximum Print Area

Width: 6.6"/168mm

Length with 203dpi:

23"/584mm (with standard memory)

39"/991mm (with optional memory)

Length with 300dpi:

10"/254mm (with standard memory)

38"/956mm (with optional memory)

Resolutions

203dpi/8dots/mm or 300dpi/12dots/mm

Maximum Print Speed

10"/254mm per second (with 203dpi)

Memory

Standard: 1MB RAM

Optional: 2MB DRAM (brings memory to 3MB DRAM); up to 2MB Flash; up to 8MB Flash via PCMCIA card

Physical Characteristics

Width: 12.84"/326mm

Depth: 18.28"/464mm

Height: 11.47"/291mm

Weight: 26.5lbs/12kg

Media Specifications

Label and liner width:

2"/51mm–7"/178mm

Ribbon width:

1.57"/40mm–6.85"/174mm

*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.