



## Z4M™/Z6M™

Thermal, On-demand, Metal Bar Code Printers

**Get acquainted  
with the rugged,  
new Z Series™ metal  
printers—the Z4M  
and Z6M.**

The Z4M/Z6M thermal printers have a personality all their own—along with a rugged look and feel characteristic of a Zebra workhorse. Charcoal gray accents enhance the printer's sleek, contoured design while providing improved dirt-and smudge-resistance in the most industrial work environments.

**Powerful,  
Price-Performance  
Leader**

Get more bang for your buck! Among Zebra's fastest printers at 10 inches per second, these state-of-the-art metal printers with back-lit LCD control panels work hard, but are easy on your budget.



Connect with it. Count on it.™



## Z4M™/Z6M™

### Rugged Construction

- Heavy-gauge steel media and electronics covers
- Die-cast aluminum base, frame and printhead mechanism

### Competitively Priced, State-of-the-art Printers

- Price-performance leaders
- More standard features per dollar than any other printers in their class
- Print speeds up to 10 inches per second
- **NEW** ZebraLink™ connectivity and control solution

### Simple, Reliable Operation

- Standard back-lit LCD control panel for printer adjustments on the fly
- Printhead with head open lock stays in full open position for convenient media loading
- Full-size media window for easier viewing of your label and ribbon supplies
- Color-coded operator cues, auto-calibration for intuitive operation and quick printer set-up

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



Zebra Bar Code Products

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

### Other Locations

*United States:* California, Florida, Rhode Island, Wisconsin

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

*Asia:* Hong Kong, Japan, Seoul, Singapore



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## Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Die-cast aluminum base, frame and printhead mechanism
- ZebraLink
- Metal media cover with large clear window
- Zebra E<sup>3</sup> Printhead Energy Control
- Auto-calibration
- Auto-detectable power supply
- Color-coded operator cues
- Back-lit LCD control panel

## Zebra Programming Language

- ZPL® & ZPL II®—universal language for Zebra printers. Simplifies label formatting and enables seamless compatibility with other Zebra printers.
- ZBI—works with ZPL to control and interpret text and data streams from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

## Operating Characteristics

### Environment

- Operating Temp. 40°F/5°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 auto-detectable (PFC-compliant) power supply 90-265 VAC; 48-62 Hz; 5A fused

### Communication Interface Capabilities

- RS-232C/422/485 serial port
- 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

### Labels

- Max. Roll Size
- 8"/203mm O.D. on a 3"/76mm I.D. core
- Thickness (label & liner)
- .0023"/.058mm to .01"/.25mm

### Media Types

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

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

### Ribbons

- Max. Roll Size
- 3.2"/81.3mm O.D. on a 1"/25.4mm I.D. core
- Standard Lengths
- 1476'/450m; provides 3:1 media roll to ribbon ratios

### Ribbon Set-up

- Ribbon wound ink side out

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

## 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
- 2-Dimensional: CODABLOCK, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, Micro PDF-417

## Options and Accessories

- 300dpi printhead
- Up to 2MB (onboard) Flash; up to 8MB additional Flash via PCMCIA
- Cutter with catch tray
- Value peel—a front mount, passive peel option with no liner take-up
- Liner take-up (works with value peel option)—full roll liner take-up spindle (fits standard base; Z4M only)

- Rewind—internally rewinds full label roll on three-inch core (comes with taller, non-standard printer base)
- PCMCIA connector (supports PC cards up to 8MB)
- ZebraNet PrintServer II (external)
- BAR-ONE® software
- European and Asian font sets

\*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.



## Z 4 M

## Z 6 M

The rugged Z4M/Z6M metal printers are ideal for a wide variety of applications, including:

- Shipping/Receiving
- Compliance labeling
- Asset tracking
- Ticketing
- Work-in-process
- Commercial/Small business

### Maximum Print Area

- **Z4M** Width: 4.09"/104mm  
Length with 203dpi:  
105"/2,667mm (with standard memory)  
Length with 300dpi:  
49"/1,245mm (with standard memory)

- **Z6M** Width: 6.6"/168mm  
Length with 203dpi:  
65"/1,651mm (with standard memory)  
Length with 300dpi:  
29"/737mm (with standard memory)

### Physical Characteristics

- **Z4M** Width: 10.93"/278mm  
Depth: 18.69"/475mm  
Height: 13.32"/338mm  
Weight: 32.4lbs/15kg

- **Z6M** Width: 13.43"/341mm  
Depth: 18.69"/475mm  
Height: 13.32"/338mm  
Weight: 34.7lbs/16kg

### Media Specifications

- **Z4M** Label and liner width:  
1"/25.4mm to 4.5"/114mm  
Ribbon width:  
2"/51mm to 4.33"/110mm

- **Z6M** Label and liner width:  
2"/51mm to 7"/178mm  
Ribbon width:  
2"/51mm to 6.85"/174mm

### Resolutions

203dpi/8dots per mm; 300dpi/12dots per mm

### Maximum Print Speed

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

### Memory

Standard: 4MB DRAM (2MB user available)  
Optional: Up to 2MB (onboard) Flash; up to 8MB additional Flash via PCMCIA

## ZebraLink™



ZebraLink, a revolutionary real-time connectivity and control solution for Zebra printers, includes:

1. **Alert** (with ZebraNet® PrintServer II)—enables a Zebra printer to send Alert condition messages via email—enabled tools.
2. **WebView** (with ZebraNet PrintServer II)—enables the remote monitoring and configuration capability of Zebra printers in real-time using Web-based network tools.
3. **ZBI™** (Zebra BASIC Interpreter)—programming language that works with ZPL II to control and interpret incoming text and data.