



Z4Mplus™/Z6Mplus™

Thermal, On-demand, Metal Bar Code Printers

Exceptional performance and value with the Z4Mplus and Z6Mplus metal printers

Up to five times faster than previous Z-series printers when processing complex labels with variable information, the Z4Mplus and Z6Mplus provide the performance you need for demanding jobs. Die-cast metal construction, a rich choice of features and options and an impressive speed of 254mm (10") per second ensure that you have a dependable printer today and in the future.

What does the "plus" mean in the Z series?

These latest printers have more standard memory, increased flash memory options, multi-language font support, a standard real-time clock and an internal ZebraNet® PrintServer option. These all add up to making the Z series unbeatable on price versus performance.



Reliability on demand™



ZebraLink™ Solutions

Software

ZebraDesigner™ Pro
ZebraNet™ Bridge Enterprise
ZebraNet Utilities v 7.0
Zebra Universal Driver
European and Asian font sets

Networking

ZebraNet Wireless PrintServer (internal)
ZebraNet 10/100 Print Server (internal or external)
ZebraNet PrintServer II (internal or external)

Firmware

ZPL II® - Universal language for Zebra printers
APL™ - In many cases, Zebra's Alternate Programming Language allows integration of the Z-series printers into mixed printer environments without format re-programming
Web View - Enables you to connect and control your bar code printer's Web interface using a common Web browser
Alert - Printers equipped with ZebraNet print servers will notify you via any email-enabled, wired, or wireless device to minimize downtime

For further information on these products, please visit the Zebra web site at:
www.zebra.com



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Middle East: Dubai



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Specifications at a Glance*

Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Die-cast aluminium base, frame and printhead mechanism
- ZebraLink™
- Metal media cover with large clear window
- Zebra E³® Printhead Energy Control
- Auto-calibration
- Real-time clock
- Auto-ranging (110V to 220V) power supply
- Colour-coded operator cues
- Back-lit LCD control panel
- ZPL II® – universal language for Zebra printers

Operating Characteristics

Environment

- Operating Temperature 0°C (32°F) to 40°C (104°F) (Direct Thermal)
- Operating Temperature 5°C (40°F) to 40°C (104°F) (Thermal Transfer)
- Storage/Environment -40°C (-40°F) to 60°C (140°F)
- Operating Humidity 20 to 85% non-condensing
- Storage Humidity 5 to 85% non-condensing

Electrical

- Universal auto-detectable (PFC-compliant) power supply 90-265VAC; 48-62Hz; 5A fused

Media Characteristics

Labels

- Max. Roll Size
- 203mm (8") O.D. on a 76mm (3") I.D. core

Thickness (label & liner)

- 0.058mm (0.0023") to 0.25mm (0.01")
- Maximum non-continuous label length 991mm (39")

Media Types

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

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

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Standard Fonts: 7 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- Pre-loaded Unicode™-compliant scalable fonts for EMEA character sets
- 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

Options and Accessories

- 300dpi printhead
- Up to 32MB additional linear flash via PCMCIA; up to 256MB additional ATA format via PCMCIA or CompactFlash® cards
- Memory socket board for the above
- Cutter with catch tray
- Peel – a front mount, passive peel option with no liner take-up
- Liner take-up (works with peel option) – full roll liner take-up spindle (fits standard base; Z4Mplus only)
- Rewind – internally rewinds full label roll on 76.2mm (3") core (comes with taller, non-standard printer base)
- Adjustable transmissive sensor (Z4Mplus only)
- ZebraNet Wireless Print Server (internal)
- ZebraNet 10/100 Print Server (internal or external)
- ZebraNet PrintServer II (internal or external)
- European and Asian font sets
- RS-422/485 serial port adaptor

Communication Interface Capabilities

- RS-232C serial port (DB9)
- High-speed, IEEE1284, bi-directional parallel port
- ZebraNet® PrintServer II (internal or external)

Agency Approvals and Product Markings

- Agencies: IEC60950, EN55024 Class B, EN55024, EN61000-3-2, EN61000-3-3
- Markings: cULus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, IRAM, CCC, GOST-R, BSMI (pending)

Ribbons

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

Max. Roll Size

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

Standard Lengths

- 450m (1476'); provides 3:1 media roll to ribbon ratios

Ribbon Set-up

- Ribbon wound ink-side out

Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case C codes, 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, Planet Code, RSS
- 2-Dimensional: CODABLOCK, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, Micro PDF-417, TLC 39, RSS



Z 4 M plus™



Z 6 M plus™

These durable metal printers, now up to **five times faster** than previous models when processing labels with variable information, are perfect for applications such as:

- Shipping/receiving
- Ticketing
- Compliance labelling
- Work-in-process

Z4Mplus

Maximum Print Area (Standard Memory Continuous Media)

Width: 104mm (4.09")

Length with 203dpi:

4,202mm (165") (with standard memory)

Length with 300dpi:

1,869mm (73") (with standard memory)

Physical Characteristics

Width: 278mm (10.93")

Depth: 475mm (18.69")

Height: 338mm (13.32")

Weight: 15kg (32.4lb)

Media Specifications

Label and liner width:

Min. 25.4mm (1")

Max. (Tear/Cutter) 114mm (4.5")

Max. (Peel/Rewind) 108mm (4.25")

Ribbon width:

51mm (2") to 110mm (4.33")

Resolutions

8 dots per mm (203dpi); 12 dots per mm (300dpi)

Maximum Print Speed

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

Memory

Standard: 4MB flash, 8MB DRAM

Optional: Up to 32MB additional linear flash via PCMCIA; up to 256MB additional ATA format via PCMCIA or CompactFlash cards

Z6Mplus

Maximum Print Area (Standard Memory Continuous Media)

Width: 168mm (6.6")

Length with 203dpi:

2,946mm (116") (with standard memory)

Length with 300dpi:

1,254mm (49") (with standard memory)

Physical Characteristics

Width: 341mm (13.43")

Depth: 475mm (18.69")

Height: 338mm (13.32")

Weight: 16kg (34.7lb)

Media Specifications

Label and liner width:

Min. 51mm (2")

Max. (Tear/Cutter) 178mm (7")

Max. (Peel/Rewind) 171mm (6.75")

Ribbon width:

51mm (2") to 174mm (6.85")

Resolutions

8 dots per mm (203dpi); 12 dots per mm (300dpi)

Maximum Print Speed

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

Memory

Standard: 4MB flash, 8MB DRAM

Optional: Up to 32MB additional linear flash via PCMCIA; up to 256MB additional ATA format via PCMCIA or CompactFlash cards

*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice.

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