



Zebra® Z Series®

Thermal, On-Demand, Metal Bar Code Printers

Z4Mplus™ and Z6Mplus™—Sleek with Speed

Processing labels fast is a breeze with the Z4Mplus and Z6Mplus industrial and commercial bar code printers. At 10 inches per second, these Zebra printers output labels quickly and efficiently, maximizing productivity. The Z4Mplus and Z6Mplus die-cast metal construction provides rugged reliability for the tough environments and demanding applications of manufacturing plants and distribution centers.

The Price-Performance Leaders

Z Series printers stand up to the competition, in terms of both performance and price. Rely on these top performers with industry-leading throughput to get the job done with cost-effective efficiency. The Z Series offers many standard features per dollar, including centralized printer management and complete multi-language support. And with a multitude of options, including ZebraNet® Print Server, XML-enabled printing, and a selection of Flash memory options, the Z4Mplus and Z6Mplus printers are unbeatable for most on-demand thermal printing applications.

On top of the hard-working durability and easy use of these die-cast metal frame printers, the speed-optimized Z4Mplus and Z6Mplus are perfect for:

- Work in process
- Order fulfillment
- Compliance labeling
- Distribution
- Warehouse management
- Shipping/Receiving
- Hospitality/Transportation ticketing



Z4Mplus**Z6Mplus**

Specifications at a Glance*

RIBBON CHARACTERISTICS

Outside diameter

3.2" (81.3 mm)

Standard length

984' (300 m) or 1476' (450 m)

Ratio

3:1 media roll to ribbon.

Ribbon must be at least as wide as media

Width

2.00" (51 mm) to 4.33" (110 mm)

Ribbon setup

Ribbon wound ink-side out

Core I.D.

1.0" (25.4 mm)

OPERATING CHARACTERISTICS

Environmental
Operating temperature:

32° F/0° C to 104° F/40° C (Direct Thermal)

40° F/5° C to 104° F/40° C (Thermal Transfer)

Storage temperature: -40° F to 140° F (-40° C to 60° C)

Operating humidity: 20-85% non-condensing

Storage humidity: 5-85% non-condensing

Electrical

Universal auto-ranging (PFC-compliant) power supply 90-265 VAC; 48-62

Agency Approvals

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)

PHYSICAL CHARACTERISTICS

Width: 10.93" (278 mm)

Height: 13.32" (338 mm)

Depth: 18.69" (475 mm)

Weight: 32.4 lbs (15 kg)

Shipping weight: 49 lbs (22 kg)

RELATED PRODUCTS

Options and Accessories

Up to 32 MB additional linear Flash via PCMCIA; Up to 256 MB additional ATA format via PCMCIA or CompactFlash® cards

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 three-inch core (comes with taller, non-standard printer base)

Memory socket board option

Adjustable transmissive sensor

RS-422/485 serial port adapter

ZEBRALINK™ SOLUTIONS

Software
ZebraDesigner™ Pro
ZebraDesigner for XML
ZebraNet™ Bridge Enterprise
ZebraNet Utilities v 7.0
Zebra Universal Driver
European and Asian font sets
Networking
ZebraNet Wireless PrintServer option (internal)
ZebraNet 10/100 PrintServer options
ZebraNet PrintServer II options
Firmware

ZPL II®—Universal language for Zebra printers.

Simplifies label formatting and enables format compatibility with other Zebra printers.

XML-enabled Printing—Direct-connect integration for barcode label printing that eliminates license fees and printer server hardware, and lowers customization and programming costs.

APL™—Zebra's Alternative Programming Language allows integration of Z4Mplus and Z6Mplus printers into mixed printer environments without format re-programming.

Web View—Enables you to connect and control your bar code printers via the 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.

COMMUNICATION AND INTERFACE CAPABILITIES

RS-232C serial port

High-speed, IEEE1284, bi-directional parallel interface

BAR CODE SYMBOLOGIES

Linear

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 digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, Planet Code, RSS

2-Dimensional

Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, Micro PDF 417, TLC 39, RSS, Aztec

FONTS AND GRAPHICS

7 bitmapped, 1 smooth scalable

Native open type font support

Global Printing—Unicode™ compliant for fast multi-language, on demand thermal printing right out of the box.

Supports user-defined fonts and graphics—including custom logos

ZPL II drawing commands—for boxes and lines

Delivering quick first label out, shorter print times, and application flexibility, Z Series printers are unbeatable for enhancing productivity and the bottom line.

STANDARD FEATURES

Print methods: Thermal transfer or direct thermal

Construction: Die-cast aluminum base, frame and printhead mechanism

Metal media cover with large clear window

Multi-level Element Energy Equalizer™ (E³) for superior print quality

Auto-calibration

Real-time clock

Auto-ranging (110 V–220 V) power supply

Color-coded operator cues

Back-lit LCD control panel

PRINTER SPECIFICATIONS

Resolution

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

Memory

Standard: 4 MB Flash, 8 MB DRAM

Optional: Factory Installed 64 MB (61 MB user available) Flash Memory

Print Width

Z4Mplus: 4.09"/104mm

Z6Mplus: 6.6"/168 mm

Print Length

Z4Mplus: with 203 dpi: 157"/3,988 mm

Z6Mplus: with 203 dpi: 102"/2,591 mm

Print Speed

203 dpi/10 ips; 300 dpi/6 ips

Media Sensors

Fixed transmissive sensor

Adjustable reflective sensor

MEDIA CHARACTERISTICS

Maximum label and liner length

Maximum non-continuous: 39" (991 mm)

Maximum label and liner width

4.50" (114 mm)—Z4Mplus

7.0" (178 mm)—Z6Mplus

Maximum roll diameter

8.0" (203 mm)

Core diameter

3" (76 mm)

Media thickness

0.0023" (0.058 mm) to 0.010" (.025 mm)

Media types

Continuous, die-cut, tags, black-mark

For optimum print quality and performance, use Genuine Zebra Supplies.

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