

Zebra® Z6000

THERMAL TRANSFER AND
DIRECT THERMAL DEMAND PRINTER

Introducing the Z6000

The Z6000™ is the easy-to-use, cost-effective printer that adapts to your changing application needs. The printer's intuitive design makes operation easy for both the novice and the experienced user. And the Z6000's array of optional features makes it ideal for a broad range of print-on-demand labeling applications that require print widths up to 6.6 inches wide.

Ease-of-use

Color-coded operator "cues" and an internal supply loading diagram allow for easy set-up and adjustments—no need for extensive operator training. Once loaded, the Z6000 automatically adjusts to the label length, and the clear media window makes it simple to check supply levels during operation. In addition, the printhead pivots wide-open for easy cleaning, and printheads can be replaced without tools.

Modularity

Since the Z6000 can be easily re-configured, you buy only the features your current application requires, with the assurance that the printer will also accommodate your future business needs. Additional options can be added as you need them, either factory- or field-installed.

Cost-effective performance

The Z6000 is designed to be economical, without sacrificing exceptional performance. Enhanced ZPL II®, firmware and a 32-bit RISC microprocessor allow for rapid label processing and print speeds of up to 10 inches per second (254mm/sec.). In addition, Zebra's E³®, print element control technology ensures sharp, scannable images—even at high speeds.

Durability

While the printer weighs under 30 lbs, it still provides the superior strength and reliability you require. Sturdy die-cast aluminum protects critical electronic components and provides precision alignment for the supplies spindles and printhead mechanism, ensuring unflinching performance and printing accuracy.

For more information

For additional details on all Zebra® printers, supplies, software, and accessories, call your Zebra representative or visit our website at: <http://www.zebra.com>.



- Quickly print labels up to 6.6 inches wide without rotating the image.
- Operate and maintain your printer with little or no training.
- Format and print more high-quality labels in less time with enhanced ZPL II firmware and a 32-bit RISC microprocessor.
- Purchase only the features you need today, without limiting future upgrade opportunities.
- Connect to any common PC or host computer via serial and parallel ports, easily integrate with existing networks, and operate with other Zebra printers through ZPL II.

Industry/application overview

- Compliance labeling, such as AIAG and ODETTE
- Asset tracking
- Inventory control
- Shipping/receiving
- Work in process

Z6000™ Specifications*

STANDARD FEATURES

PRINT SPECIFICATIONS

- Print Method/s** Thermal transfer or direct thermal
- Resolution** 203dpi (8 dots/mm)
300dpi (11.8 dots/mm) optional
- Max. Width** 6.6" (168mm)
- Max. Speed** 10.0"/sec. (254mm/sec.)
6.0"/sec. (152mm/sec)
with optional 300dpi
- Max. Length** with 203dpi
 - Standard Memory 23.0" (584mm)
 - Optional Memory 39.0" (980mm)
- Max. Length** with optional 300dpi
 - Standard Memory 10.0" (254mm)
 - Optional Memory 38.0" (965mm)

PHYSICAL CHARACTERISTICS

- Depth** 18.28" (464mm)
- Width** 12.84" (325mm)
- Construction** Die-cast aluminum frame
- Height** 11.47" (291mm)
- Weight** 26.5 lbs. (12.0kg)

RELATED FEATURES

- 1MB standard RAM
- Zebra's E³® Printhead Energy Control
- 32-bit RISC microprocessor
- Windows™-based driver

ZPLII® PROGRAMMING LANGUAGE

- Universal language for Zebra® printers. Makes label formatting and modification simple. Allows compatibility with other Zebra printers.

OPERATING CHARACTERISTICS

ENVIRONMENT

- Operation Temp.** 40°F (5°C) to 105°F (40°C)
- Operation Humidity** 20-85% non-condensing
- Storage Temp.** -40°F (-40°C) to 140°F (60°C)
- Storage Humidity** 5-85% non-condensing

ELECTRICAL

- Auto-detectable 90-265 VAC; 48-62 Hz; 5A fused

COMMUNICATION INTERFACE CAPABILITIES

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

AGENCY APPROVALS

- Complies with CISPR 22B, IEC 950, 801-2, -3, and -4 standards, FCC Class B and Canadian doc. Class A. Carries UL mark (UL1950) and CE mark of compliance.

MEDIA CHARACTERISTICS

MEDIA SPECIFICATIONS

- Width** 2.0" (51mm) to 7.0" (172mm)
- Max. Length** with 203dpi
 - Standard Memory 23.0" (584mm)
 - Optional Memory 39.0" (990.6mm)
- Max. Length** with optional 300dpi
 - Standard Memory 10.0" (254mm)
 - Optional Memory 38.0" (965.2mm)
- Max. Roll** Diameter 8.0" (203mm) O.D.
- Core Size** 3.0" (76mm) I.D.
- Media Type** Continuous, die-cut, notched, or black mark
- Thickness** 0.0023" (.058mm) to .010" (.25mm)

RIBBON SPECIFICATIONS

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

- Width** 2.0" (50.8mm) to 6.85" (174mm)
- Core Size** 1.0" (25.4mm) I.D.
- Roll Diameter** 3.2" (81.3mm) O.D.

FONTS/GRAPHICS/SYMBOLOLOGIES

CHARACTER FONTS/SETS

- CHR Fonts** Standard: 7 bitmapped, 1 scalable (CG Triumvirate™ Bold Condensed)
- CHR Sets** IBM® Code Page 850 multilingual character sets

GRAPHIC FEATURES

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

BAR CODE SYMBOLOLOGIES

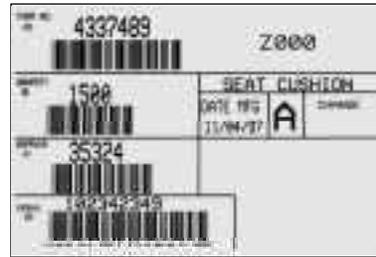
- One-Dimensional**
Code 11, Code 39, Code 93, Code 128, ISBT 128, UPC-A, UPC-E, EAN-8, EAN-13, Postnet, EAN and UPC with 2 or 5 digit supplements, Interleaved 2 of 5, Standard 2 of 5, Industrial 2 of 5, LOGMARS, MSI, Plessey
- Two-Dimensional**
CODABLOCK, PDF-417, Code 49, MaxiCode, Datamatrix, QR Code

OPTIONAL FEATURES

OPTIONS/ACCESSORIES

- LCD front panel** (easy, menu-style set-up)
- PCMCIA connector** (supports PC cards up to 8MB)
- Value peel** (point of application)
- Expanded memory** (Flash and DRAM available)
- Cutter** (includes catch tray)
- BAR-ONE® software** (Zebra's Windows™-based label design and printing software)
- Peel/rewind combination option** (Full roll internal rewind of printed labels or liner)
- 300dpi printhead resolution** (11.8 dot/mm)
- ZebraNet™ MPS** (provides Ethernet connectivity)
- Font packs** (downloadable fonts or international character sets)

AIAG Label



This AIAG label is one example of the many application labels the Z6000 can print.



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*Specifications listed are for base model printers with standard features only unless otherwise noted. Ask your Zebra representative for detailed specs for the printer recommended for your application.

www.zebra.com

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