LP 2824 Desktop Printer

Thermal, On-demand Label, Receipt, and Tag Printers

Leading the way in versatile and affordable desktop printing.
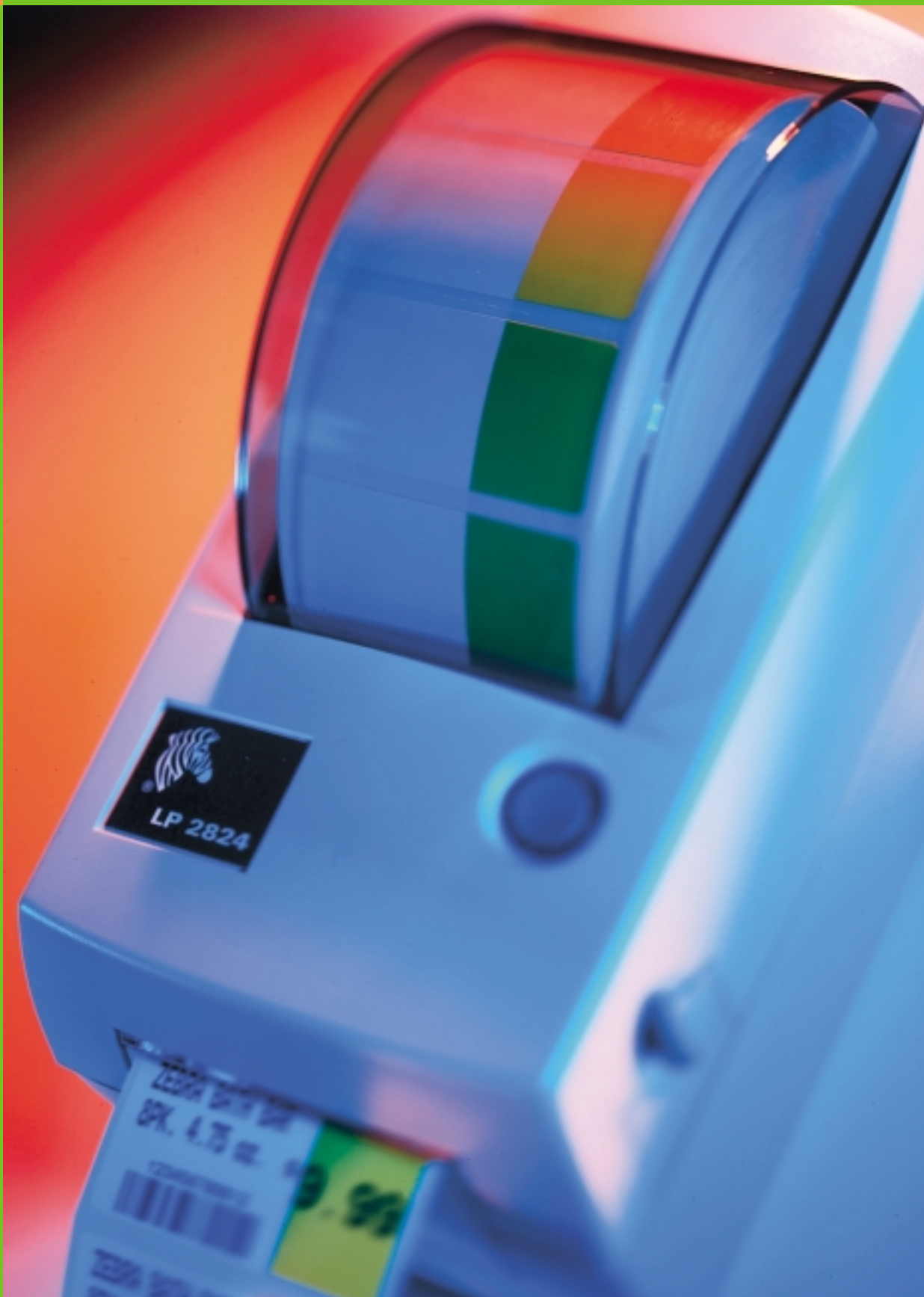
Ideal for retail and other small-label applications, the two-inch direct thermal (LP) 2824 desktop bar code label printer exhibits a compact, sturdy design with simplified media loading, and is available with a cash drawer kicker option for point-of-sale transactions.

New Levels of Desktop Performance

Like its siblings—the four-inch LP/TLP 2844 desktop printers—the LP 2824 brings new levels of performance to the Zebra desktop family. It features a full five-inch media roll capacity and competitive electronics platform— standard flash memory for storage of forms, graphics, and external fonts, as well as SRAM to print longer label lengths (11″ standard).

Connect with it. Count on it.™

LP 2824

Efficient, Reliable Printing

- Innovative printhead can be replaced without tools
- Full five-inch media roll capacity
- 3.5 inches per second print speed
- Flash architecture for storage of fonts, formats and graphics and quick, easy firmware upgrades
- 203dpi print resolution

Practical Design

- Sturdy, double-walled ABS casing
- OpenACCESS™ design for fast and easy media loading
- Clear media cover enables easy monitoring of media
- Color-coded operator cues

Versatile and Affordable

- Easy to use
- Variety of options and accessories, including USB adapter
- Cost effective

For more information
Contact your Zebra representative for additional printer specifications. For information on Zebra's full-size and mobile printers, supplies, software, and accessories, ask your reseller, call +1 800.423.0442 or visit our Web site.
www.zebra.com

FM-32328
An ISO 9001 registered company

Standard Features

- Print method: Direct thermal (LP)
- Construction: ABS double-walled casing
- 512KB Flash memory; 128KB SRAM
- OpenACCESS design
- Head-up sensor
- Windows® drivers (95, 98, NT v.4.0, 2000)
- Windows printer utilities

Programming

ASCII EPL2 programming language (Page Mode)
- Text and bar codes printed in 0º, 90º, 180º, 270º
- Variable field support (up to 100)
- Counter support (up to 10)
- Variable field addition and subtraction
- Status reporting
- Form storage

Line mode support

Operating Characteristics

Environment

- Operating Temp. 40ºF/5ºC to 104ºF/40ºC
- Storage/Transport Environ. -40ºF/-40ºC to 140ºF/60ºC
- Operating Humidity 10-90% non-condensing
- Storage Humidity 10-90% non-condensing

Electrical

- Autoranging external power supply
- Input: 100-240VAC; 50-60Hz
- Output: 20VDC; 2.5A

Communication Interface Capabilities

- Serial RS232 (DB9)
- 2.4-38.4K bits/second
- Flow control: hardware and software
- Parallel (centronics)
- Cash drawer kicker option (serial units only)
- LAN/Ethernet (requires optional ZebraNet® PrintServer II; parallel units only)
- USB adapter option (parallel units only)

Agency Approvals

- UL-CUL 1950; FCC (Class B); VCCI (Class B); C-TICK; EN 500082-1; EN 55022 (Class B)/CISPR 24; EN 55024/CISPR 24; EN 60950/IEC 950; EN 61000-3-2, 3-3

Media Characteristics

Labels

Max. Roll Size
- 5"/127mm O.D. on a 1"/25mm or 1.5"/38mm I.D. core

Thickness (label & liner)
- .003"/.08mm to .0075"/.18mm

Media Types
- Gap, notch, black mark, continuous, fanfold, tag stock

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

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Standard Fonts: 5 bitmapped, expandable 8x
- Sets: International character sets supporting the following code pages:
  - DOS: 437, 737, 850, 851, 855, 857, 860, 861, 862, 863, 865, 866, 869
  - Windows: 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257
- Asian language support (optional)
- Soft font storage in Flash memory

Graphic Features

- Line and box drawing
- PCX graphic storage

Bar Code Symbologies

- Linear Bar Codes: Code 39, Code 128 (A, B or C user selectable/Auto select), UCC/EAN-128, Code 93, Codabar, Interleaved 2 of 5, UPC-A, UPC-E, UPC-A with 2 and 5 add on, Plessey, POSTNET, German Post, Japanese Postnet
- 2-Dimensional: PDF-417, Macro PDF-417, Maxi Code (Modes 2, 3, 4, 6), QR Code (requires Asian printer version),

Options and Accessories

- ZebraNet® PrintServer II for Ethernet connectivity (parallel units only)
- Expanded memory (up to 1MB Flash; 256KB SRAM)
- Cash drawer kicker (serial units only)
- Keyboard display unit (KDU) (serial units only)
- Liner-free platen
- Cutter

- Dispenser with label taken sensor
- RS422 serial interface
- USB adapter (parallel units only)
- Real time clock
- External rewind
- Asian language support
- Windows label design software

*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.

LP 2824

Two-inch and four-inch (LP/TLP 2844) models available for application flexibility

The LP 2824 is perfect for low-volume printing needs in business and professional offices including:

- Retail point of sale, shelf labeling, and product marking
- Healthcare specimen labeling and patient tracking
- Small office/Home office mailing, shipping, and file folder labeling

Genuine Zebra Supplies

Zebra-brand supplies are made for your Zebra printer! Protect your printer investment and maximize your desktop printer performance by choosing from Zebra's 1,000+ combinations of labels, ribbons, and tags—more than 300 of which are UL-recognized and CSA-accepted. Our Zip Ship stocking program has hundreds of ribbons and labels readily available—including synthetic labels. And if you're not sure what you need, you can try before you buy through Zebra's sample program. Our media specialists are ready to help you find the right media combination for your application!

Add-on Features

With Zebra's wide range of desktop options and accessories—including Ethernet connectivity, KDU (keyboard display unit), and label design software—you can tailor your printer's capabilities for your specific application needs. For more details, see Options and Accessories under Specifications at a Glance.

LP 2824

Maximum Print Area
Width: 2.2"/56mm
Length in page mode:
    11"/ 279mm (with standard memory)
    22"/558mm (with optional memory)
Length in line mode:
    Unlimited

Resolution
203dpi/8dots per mm

Maximum Print Speed
3.5"/89mm per second

Memory
Standard: 512KB Flash; 128KB SRAM
Optional: up to 1MB Flash; 256KB SRAM

Physical Characteristics
Width: 3.6"/93mm
Depth: 7.5"/190mm
Height: 6.8"/173mm
Weight: 2.7lbs./1.2kg

Media Specifications
Label and liner width:
    1"/25.4mm to 2.36"/60mm