



LP/TLP 2844 Desktop Printers

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

Leading the way in versatile and affordable desktop printing.

Direct thermal (LP) and thermal transfer (TLP) four-inch 2844 bar code label printers bring new levels of performance to the Zebra desktop family. Along with their sibling—the LP 2824, these space-saving, user-friendly printers deliver optimal performance in today's on-demand desktop labeling applications.

Superior Printing at a Great Price

Both 2844 printers feature a new generation printhead and enhanced controller board, motor, and power supply, enabling print speeds of up to four inches per second. Plus parallel, serial, and USB interfaces—and a ZebraNet® PrintServer II option—make these flexible, reliable and affordable printers a smart investment!



Connect with it. Count on it.™



LP/TLP 2844

Efficient, Reliable Printing

- Four inches per second print speed
- Full five-inch media roll capacity
- Flash architecture for storage of fonts, formats and graphics and quick, easy firmware upgrades
- 203dpi print resolution
- Black line, gap, and head-up sensors

Practical Design

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

Versatile and Affordable

- Optional internal ZebraNet PrintServer II for 10Base T Ethernet connectivity
- Serial, parallel, and USB interfaces for easy integration into local or networked systems
- Easy to use
- Variety of options and accessories for flexible printing
- 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



Zebra Technologies Corporation

International Headquarters

333 Corporate Woods Parkway
Vernon Hills, IL 60061-3109 U.S.A.
Phone: +1 847.634.6700 or +1 800.423.0442
Fax: +1 847.913.8766
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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Specifications at a Glance*

Standard Features

- Print methods: Direct thermal (LP) or direct thermal/thermal transfer (TLP)
- Construction: ABS double-walled casing
- 512KB Flash memory; 256KB SRAM
- OpenACCESS design
- Serial, parallel, and USB interfaces
- Head-up sensor
- Windows® drivers (95, 98, Me, NT v.4.0, 2000)
- Windows printer utilities

Programming

- ASCII EPL2 programming language (Page Mode)
- Text and bar codes printed in 0°, 90°, 180°, 270°
- Variable field support (up to 100)
- Counter support (up to 10)
- Variable field addition and subtraction
- Status reporting
- Form, font and graphics storage
- Line mode support (LP 2844 only)

Operating Characteristics

Environment

- Operating Temp. 40°F/5°C to 104°F/40°C
- Storage/Transport Environ. -40°F/-40°C to 140°F/60°C
- 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)
- 1.2-38.4K bits/second
- Flow control: hardware and software
- USB
- Parallel (centronics)
- LAN/Ethernet (requires optional ZebraNet® PrintServer II)

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, fan-fold, tag stock

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

Ribbons (TLP 2844 only)

- Max. Roll Size
- 1.3"/33mm O.D. on a .5"/12.7mm I.D. core

Standard Length

- 2,900"/74m capacity; provides 1:1 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: 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), Aztec (optional)

Options and Accessories

- External ZebraNet® PrintServer II (for 10Base T Ethernet connectivity)
- Factory-installed internal ZebraNet PrintServer II
- Expanded memory (up to 1MB Flash; 512KB SRAM)
- Keyboard display unit (KDU)
- Liner-free platen (LP 2844 only)

- Cutter
- Dispenser with label taken sensor
- 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.



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The LP/TLP 2844 integrate easily into a variety of low-volume printing applications including:

- Shipping/Receiving
- Warehouse shelf labeling and inventory control
- Hospitals and healthcare; medical laboratories
- Retail product marking
- Transportation/Logistics
- E-commerce postage

LP 2844 Direct Thermal Printer

Maximum Print Area

- Width: 4.09"/104mm
- 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

4"/102mm per second

Memory

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

Physical Characteristics

Width: 7.9"/200mm
Depth: 8.38"/213mm
Height: 6.7"/170mm
Weight: 3lbs./1.3kg

Media Specifications

Label and liner width:
1"/25.4mm to 4.25"/108mm

TLP 2844 Direct Thermal/Thermal Transfer Printer

Maximum Print Area

- Width: 4.09"/104mm
- Length in page mode:
 - 11"/279mm (with standard memory)
 - 22"/558mm (with optional memory)

Resolution

203dpi/8dots per mm

Maximum Print Speed

4"/102mm per second

Memory

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

Physical Characteristics

Width: 7.9"/200mm
Depth: 9.75"/248mm
Height: 6.8"/173mm
Weight: 3.2lbs./1.4kg

Media Specifications

Label and liner width:
1"/25.4mm to 4.25"/108mm
Ribbon width:
1.3"/33mm to 4.3"/110mm