LP/TLP 2844™ Desktop Printers
LP/TLP 2824™ Desktop Printers

Thermal, on-demand Label, Receipt and Tag Printers

Leading the way in versatile and affordable desktop printing

These space-saving, quiet, user-friendly printers bring new levels of performance to the Zebra Desktop family. The 2844 bar code label printers are ideal for low-volume applications needing 104mm (4") labels, such as parcel shipping, whilst the smaller 2824 is perfect for retail product and shelf labelling or any other application where only a small label is wanted.

Superior performance at a small price

Equipped with advanced electronics and flash memory, these compact, multi-functional printers offer impressive speed and performance. Serial, parallel and USB interfaces are standard on the 2844, whilst you can choose to have either the serial and USB ports or a parallel port on the 2824. Ethernet connectivity can be provided via an optional internal or external ZebraNET® PrintServer. And with a long print length plus a full 127mm (5") media roll, these versatile little printers are both convenient and affordable.

Zebra

Reliability on demand™

LP/TLP 2844™
LP/TLP 2824™

Versatility

LP 2824

If you thought you couldn't afford a professional label printer for *all* your labelling applications, THINK AGAIN!

These classy little printers from Zebra bring fast, professional labelling to your desk, small office, laboratory or anywhere you need to print small numbers of bar code labels, receipts and tags.

They are sturdily built with a double-walled ABS casing and offer many "big printer" features but at an extremely affordable price.

However, they are designed for easy use, so even complete beginners will find them simple to set up and operate. The OpenACCESS™ design with the printhead in the lid makes it really easy to change and load media. The 2824 has an innovative printhead that can be replaced without tools.

Thoughtfully designed and competitively priced!

You get a lot of capabilities with these printers that you might have thought only came with bigger, more expensive ones.

- Label handling options include:
  Liner-free platen (except TLP 2824)
  Label dispenser with label-taken sensor
  External rewind
  Cutter

- A USB interface is standard on 2844 and on serial 2824 printers. A USB conversion cable is available for parallel 2824 printers

- Ethernet network connection via a factory-installed Internal ZebraNET® PrintServer II is optional for the 2844 and serial 2824 printers. An external ZebraNET PrintServer II adapter that plugs into the parallel port can provide ethernet connection for parallel 2824 printers or for 2844 printers which are not fitted with the internal option

- There is a cash drawer kicker option for 2824 serial units

Direct Thermal Printer

Perfect for low-volume printing needs in business and professional offices where a small (56mm) label is needed such as:

- Retail
  point-of-sale
  shelf labelling
  product marking
- Healthcare
  specimen labelling
  patient tracking
- Small office
  mailing
  file and folder labelling

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

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
89mm (3.5") per second

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

Physical Characteristics
Width: 93mm (3.6")
Depth: 190mm (7.5")
Height: 173mm (6.8")
Weight: 1.2kg (2.7lb)

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

TLP 2824

Direct Thermal and Thermal Transfer Printer

A space-saver with an extremely small footprint, the TLP 2824 with thermal transfer print capability is a very convenient solution for printing low-volume labels that may be exposed to heat or sunlight and those that will have a long life, for example:

• Retail product or shelf marking in garden centres
• Pharmaceutical labels
• Laboratory samples
• Patient records
• Asset management

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

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
89mm (3.5") per second

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

Physical Characteristics
Width: 140mm (5.5")
Depth: 242mm (9.5")
Height: 178mm (7")
Weight: 1.6kg (3.5lb)

Media Specifications
Label and liner width:
    25.4mm (1") to 60mm (2.36")
Ribbon width:
    33mm (1.3") to 58mm (2.24")

LP 2844

Direct Thermal Printer

The LP 2844 comes with serial, parallel and USB interfaces as standard, so there is no problem connecting it into any system. It is ideal for a variety of low-volume applications such as:

• Shipping/Receiving
• Transportation/Logistics
• Warehouse shelf labelling
• Inventory control

Maximum Print Area
Width: 104mm (4.09")
Length in page mode:
    279mm (11") (with standard memory)
    558mm (22") (with optional memory)
Length in line mode:
    unlimited

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
102mm (4") per second

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

Physical Characteristics
Width: 200mm (7.9")
Depth: 213mm (8.38")
Height: 170mm (6.7")
Weight: 1.3kg (3lb)

Media Specifications
Label and liner width:
    25.4mm (1") to 108mm (4.25")

TLP 2844

Direct Thermal and Thermal Transfer Printer

With Thermal Transfer print capability, the TLP 2844 is useful in applications where labels need to be more durable or when they will be exposed to heat and sunlight. Like the LP 2844, it integrates easily into a variety of applications including:

• Hospitals and Healthcare
• Retail Product marking
• E-commerce postage

Maximum Print Area
Width: 104mm (4.09")
Length in page mode:
    279mm (11") (with standard memory)
    558mm (22") (with optional memory)
Length in line mode:
    unlimited

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
102mm (4") per second

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

Physical Characteristics
Width: 200mm (7.9")
Depth: 248mm (9.75")
Height: 173mm (6.8")
Weight: 1.4kg (3.2lb)

Media Specifications
Label and liner width:
    25.4mm (1") to 108mm (4.25")
Ribbon width:
    33mm (1.3") to 110mm (4.3")

Standard Features

- Print methods: direct thermal (LP) or direct thermal/ thermal transfer (TLP)
- Construction: ABS double-walled casing
- OpenACCESS™ design
- Serial, parallel and USB interfaces (LP/TLP 2844 only)
- Head-up sensor
- Windows® drivers (95, 98, 2000, Me, NT® 4.0, XP)
- 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 2824 or LP 2844)

Operating Characteristics

Environment

- Operating Temperature 5°C (40°F) to 40°C (104°F)
- Storage/Transport Environment -40°C (-40°F) to 60°C (140°F)
- Operating Humidity 10 to 90% non-condensing
- Storage Humidity 10 to 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 to 38.4Kbits/second
- Flow control: hardware and software
- USB (except 2824 parallel units)
- Parallel (Centronics)
- LAN/Ethernet (requires optional ZebraNET® PrintServer II) (not on LP 2824 serial units)

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
- 127mm (5") O.D. on a 25mm (1") or 38mm (1.5") I.D. core

Thickness (label & liner)
- 0.08mm (0.003") to 0.18mm (0.0075")

Media Types
- Gap, notch, black mark, continuous, fan-fold and tag stock

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

Ribbons (TLP 2844 and TLP 2824 only)

Max. Roll Size
- 33mm (1.3") O.D. on a 12.7mm (0.5") I.D. core

Standard Length
- 74m (2,900") 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
- 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), DATAMATRIX (optional)

Options and Accessories

- Internal ZebraNET PrintServer II (for Ethernet connectivity) (not on 2824 parallel units)
- External ZebraNET PrintServer II (not on 2824 serial units)
- Expanded memory up to 1MB Flash; 512KB SRAM (2844) 256KB SRAM (2824)
- Keyboard Display Unit (KDU) (not on LP/TLP 2824 parallel units)
- External rewind

- Dispenser with label-taken sensor
- Liner-free platen
- Cutter
- Real-time clock
- Asian language support
- Windows label design software

Options on LP/TLP 2824

- USB adapter (parallel units only)
- Cash drawer kicker (serial units only)

*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.