LP/TLP 2824, LP/TLP 2844, TLP 3842™ 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 requiring up to 104mm (4") wide 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. And if you need high-resolution printing, the TLP 3842 is the answer.

Superior performance at a small price

These elegant 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 robust 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.

Get the most out of your Zebra, put genuine Zebra supplies in!

Zebra offers a wide range of supplies for LP/TLP 2824, LP/TLP 2844 and TLP 3842 printers, all made to a high standard and suitable for a variety of applications.

- Manufactured exclusively for Zebra printers
- Laboratory-tested for optimum performance
- Proven to minimise wear and tear on printheads

▶ **For more information, visit www.zebra.com**

LP/TLP 2824, LP/TLP 2844, TLP 3842™

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 models)
  - Label dispenser with label-taken sensor
  - External rewind
  - Cutter
- A USB interface is standard on 3842 and 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, 3842 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 printers which are not fitted with the internal option

LP 2824™

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: 279mm (11") (with standard memory)
558mm (22") (with optional memory)

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
102mm (4") per second

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

Physical Characteristics
Width: 99mm
Depth: 190mm
Height: 173mm
Weight: 1.2kg

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: 279mm (11") (with standard memory)
558mm (22") (with optional memory)

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
102mm (4") per second

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

Physical Characteristics
Width: 130mm
Depth: 235mm
Height: 178mm
Weight: 1.6kg

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: 104 (4.09")
Length: 279mm (11") (with standard memory)
          558mm (22") (with optional memory)

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
102mm (4") per second

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

Physical Characteristics
Width: 193mm
Depth: 216mm
Height: 168mm
Weight: 1.5kg

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: 279mm (11") (with standard memory)
          558mm (22") (with optional memory)

Resolution
8 dots per mm (203dpi)

Maximum Print Speed
102mm (4") per second

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

Physical Characteristics
Width: 193mm
Depth: 216mm
Height: 168mm
Weight: 1.5kg

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

TLP 3842

Direct Thermal and Thermal Transfer Printer

The 300dpi printhead of the TLP 3842 is ideal when high-resolution printing is needed for applications like:

• Laboratory or prescription bottle labelling
• Circuit board labels
• Small tags for jewellery

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

Resolution
12 dots per mm (300dpi)

Maximum Print Speed
51mm (2") per second

Memory
Standard: 1MB flash; 512KB SRAM
Optional: up to 1.2MB SRAM

Physical Characteristics
Width: 198mm
Depth: 238mm
Height: 173mm
Weight: 1.7kg

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

Specifications at a glance*

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 (not LP/TLP 2824)
- Head-up sensor
- Microsoft® Windows® drivers (95, 98, 2000, Me, Windows NT® 4.0, XP)
- 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, font and graphics storage
- Line Mode support (LP 2824 or LP 2844)

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

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

Ribbons (TLP 2824, TLP 2844 and TLP 3842 only)

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

Standard Lengths
- 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

Operating characteristics

Environment

- Operating Temperature 5ºC (40ºF) to 40ºC (104ºF)
- Storage/Transport Environment -40ºC (-40ºF) to 60ºC (140ºF)
- 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

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
  - 1.2MB SRAM (3842)
  - 512KB SRAM (2844)
  - 256KB SRAM (2824)
- KDU and KDU Plus™ (not on LP/TLP 2824 parallel units)
- 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 conversion cable (parallel units only)

Fonts and graphics

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 storages

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)