

## Zebra TLP2844-Z

*Thermal Barcode Printer*



### Features

- *Ultra compact foot print*
- *Provides unprecedented desktop performance*
- *Allows for easy media loading*

The ultra-compact TLP 2824-Z™ bar code label printer, for print widths up to 2.2 inches/56 mm, brings powerful performance to applications requiring both direct thermal and thermal transfer printing. Its ease of use, including its OpenACCESS™ design and clear media window for simple media loading and monitoring, makes the TLP 2824-Z a foolproof means to increased workplace efficiency.

The TLP 2824-Z integrates easily into a variety of printing applications, including retail point of sale, shelf labeling, product marking, inventory control and asset management, healthcare specimen labeling, patient tracking, and small office mailing, shipping and file labeling. With serial, parallel, and USB interfaces, plus network connection options, the TLP 2824-Z meets a variety of connectivity needs.

## Specifications

### Standard Features

- Print methods: Direct thermal or direct thermal/thermal transfer
- Construction: ABS double-walled casing
- OpenACCESS™ design
- 32 bit RISC processor
- Resident scalable font
- Head-up sensor
- Zebra Printer Management

### Printer Specifications

#### Resolution

- 203 dpi (8 dots/mm)

#### Memory

- Standard: 8 MB SDRAM (4 MB available to user); 4 MB Flash (2 MB available to user)
- Optional: 8 MB Flash with real time clock (12 MB total)

#### Print width

- 2.2" (56 mm)

#### Print length

- 39" (991 mm)

#### Print speed

- 4" (102 mm)/sec

#### Media sensors

- Reflective
- Transmissive

### Media Characteristics

#### Maximum label and liner width

- 2.36" (59.9 mm)

#### Minimum label and liner width

- 1.00" (25.4mm)

#### Maximum label and liner length

- 39" (991 mm)

#### Maximum label and liner length (optional)

- N/A - no SDRAM optional memory

#### Maximum roll diameter

- 5" (127 mm)

#### Core diameter

- 1.0" (25.4 mm) and 1.5" (38 mm)

#### Media thickness

- 0.003" (.08 mm) to 0.007" (0.18 mm)

#### Media types

- (black-mark optional), black bar, black mark, continuous, continuous receipt, die-cut, fanfold, gap, notch, notch sensing, notched, perforated, receipt, roll-fed, tag, tag stock

### Ribbon Characteristics

#### Outside diameter

- 1.36" (35 mm)

#### Standard length

- 244' (74 m)

#### Ratio

- 1:1

#### Ribbon width

- Recommended to be at least as wide as media
- 1.33" (33.8 mm) to 2.24" (58 mm)

#### ID Core

- 0.5" (12.7 mm)

## *Operating Characteristics*

### Operating temperature

- TT: Operating temperature 40° F (5° C) to 105° F (41° C) Thermal transfer
- DT: Operating temperature 40° F (5° C) to 105° F (41° C) Direct thermal

### Storage temperatures

- -40° F (-40° C) to 140° F (60° C)

### Operating humidity

- 10-90% non-condensing

### Storage humidity

- 5-95% non-condensing

### Electrical

- Auto-detectable (PFC compliant) 100-240 VAC, 50-60 Hz

### Agency approvals

- FCC
- VCCI/PSE
- C-TICK
- UL
- NOM
- CE
- CCC/SRRC
- IRAM
- GOST-R
- CSA
- BSMI

## *Physical Characteristics*

### Width

- 5.5" (140 mm)

### Height

- 7.0" (178 mm)

### Depth

- 9.5" (241 mm)

### Weight

- 3.5 lbs (1.6 kg))

### Shipping weight

- 6.1 lbs (2.8 kg)

### Orientation

- Center

## *Related Products*

### Options

- Cutter
- Asian language support
- Internal ZebraNet PrintServer II for Ethernet connectivity
- Dispenser with label taken sensor
- 8 MB Flash memory with real time clock

### Communication and Interface Capabilities

- Serial RS-232 (DB9)
- Parallel (Centronics)
- USB
- ZebraNet PrintServer II for Ethernet connectivity-internal or external (Parallel port required for external PrintServer.)

## *Programming Languages*

### Core programming languages

- ZPL II, ZPL

## *Bar Codes/Symbologies*

### Linear

- Code 11
- Code 39
- Code 93
- Code 128
- EAN-13
- EAN-8
- UPC-A
- UPC-E
- Plessey
- Postnet
- Industrial 2-of-5
- Interleaved 2-of-5
- Logmars
- MSI
- Codabar

- RSS-14 (limited, truncated, stacked)
- UPC-A and UPC-E with EAN 2 or 5 digit extensions
- Standard 2-of-5

## 2-dimensional

- PDF417
- MicroPDF417
- Code 49
- MaxiCode
- Codablock
- Data Matrix
- QR Code
- RSS / GS1 DataBar family (12 barcodes)

## Fonts and Graphics

- Standard Fonts: 16 bitmapped, 1 smooth scalable (CG Triumvirate Bold Condensed)
- Supports user-defined fonts and graphics - including custom logos
- IBM Code Page 850 International Characters