



Zebra TLP 2824Plus - 203 DPI, USB

When desktop space is an issue, the Zebra TLP-2824 Plus label printer deliver: Faster throughputs result in less downtime; The compact size saves space; Easy media loading of Zebra labels and instant reset button increases work efficiency.

Standard Features



- Print methods: Direct thermal or thermal transfer
- Odometer for printer length tracking
- Unicode compliant for multi-language printing
- Reset feature button
- Construction: ABS double-walled casing
- OpenACCESS design for easy media loading
- 32 bit RISC processor for high throughput
- Auto calibration of media
- Head-up sensor
- Zebra Setup Utilities for printer setup and configuration
- Standard tear-off mode
- Certified Microsoft Windows drivers

Printer Specifications

Resolution: 203 dpi (8 dots/mm)

Memory: 8 MB SDRAM, 4 MB Flash (standard); 64 MB Flash with real-time clock for a total of 68 MB (option)

Print width: 2.2" (56mm)

Print length: 39" (991mm)

Print speed: 4" (102mm)/sec

Media sensors: Reflective, Transmissive

Media Characteristics

Maximum label and liner width: 2.36" (60mm)

Minimum label and liner width: 1.00" (25.4mm)

Maximum label and liner length: 39" (991mm)

Maximum label and liner length (optional): 39" (991mm)

Maximum roll diameter: 5" (127mm)

Core diameter: 1.0" (25.4mm) and 1.5" (38mm)

Media thickness: 0.003" (0.08mm) to 0.007" (0.18mm)

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" (35mm)

Standard length: 244' (74m)

Ratio: 1:1

Ribbon: width

Recommended to be at least as wide as media

1.33" (33.8mm) to 2.24" (58mm)

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, C-TICK, UL, NOM, CE, IRAM, AAMI

Physical Characteristics

Width: 5.3" (135mm)

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)

Options:

64 MB Flash memory with real-time clock for a total of 68 MB

Internal 10/100 Ethernet connectivity combined with USB

Cutter for continuous paper, label liner (with no adhesives), and tag stock (no more than 0.007"/0.18mm thick)

Label dispenser for label peel and present with label taken sensor

Asian language support

ZBI 2.0 - field upgradeable

Communications and Interface Capabilities:

- USB and Serial RS-232 with auto-sensing serial port

- Centronics Parallel (36 Pin)

- 10/100 internal Ethernet with USB (option)

Programming Languages: ZPL, EPL2, ZPL II

Bar Codes/Symbologies: Linear Codabar, Code 11, Code 128, Code 39, Code 93, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, RSS-14 (limited, truncated, stacked), Standard 2-of-5, UPC-A and UPC-E with EAN 2 or 5 digit extensions, UPC-E, UPC-A, EAN-14, Code 128 with subsets A/B/C, UCC/EAN-128, UPC-A and UPC-E with 2 or 5 digit extensions, EAN-8 and EAN-13 with 2 or 5 digit extensions, Japanese Postnet, MSI-3, German Post Code, 2-dimensional Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code, RSS / GS1 DataBar family (12 barcodes), Aztec

Fonts and Graphics:

- 16 resident expandable ZPL II bitmap fonts

- One resident scaleable ZPL font

- 5 resident expandable EPL2 fonts



Technical Description

Functionality & Operation

Print resolution	203dpi
Print mode	direct thermal, thermal-transfer
Print speed	102mm/sec (4 ips)
Maximal print width	56mm
1D Barcode Symbolologies	All standard one-dimension barcodes
2D Code Symbolologies	all standard 2D-Codes
Communication interface	USB, Ethernet, Parallel Centronics
Memory	8MB DRAM
Memory	4MB Flash
Maximal print length	991mm

Optical

Sensors	reflective, transmissive
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Electrical

Power Source	Input: 100 ~ 240 VAC, 50~60 Hz, 5A
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Mechanical

Dimensions	Width: 241mm, Height: 135mm Length: 178mm
Weight	1.6kg shipping weight: 2,8 kg

Consumables

Media type	black-marked media, continuous, fan-fold, notch, perforated
Maximal paper width	60mm
Minimal paper width	25.4mm
Maximal roll diameter	127mm

Environment

Operating temperature	5 to 51°C
Storage temperature	-40 to 60°C
Storage humidity (non-condensing)	5 to 95%
Operating humidity (non-condensing)	10 to 90%

Others

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