Zebra® LP/TLP 2824 Plus™

Ideal for These Applications

Great for anyone who needs an easy-to-use, reliable printer for space-constrained areas, the 2824 Plus can be used in a variety of printing applications, including:

- Retail price marking, and coupon and receipt printing
- Retail pharmacy prescription labeling
- Healthcare specimen labeling and patient tracking
- Light-industrial work-in-process and product labeling
- Security applications: visitor ID, evidence tracking, parking passes
- Travel/Hospitality: boarding passes, bag tags, ski lift tickets

Thermal Desktop Printers for Labels, Receipts and Tags

A Powerful, Ultra-Compact Printer

One of the smallest in its class, the easy-to-use 2824 Plus desktop printer tucks into your tightest work spaces and prints 2-inch-wide labels or receipts with best-in-class print speeds. The 2824 Plus includes Zebra Setup Utilities, which guides you through simple setup steps so you can get up and running quickly. It also includes an OpenACCESS™ design and clear media window for simple media loading and monitoring.

Better Performance, More Flexibility

A robust 32-bit RISC processor increases throughput and productivity with faster formatting and first label out. For greater flexibility and enhanced performance, choose from a variety of options like convenient peeler and cutter, and 64 MB Flash memory that lets you store and use more graphics and fonts. With co-resident EPL™ and ZPL® programming languages, the 2824 Plus works seamlessly with other Zebra printers, while serial/parallel/USB connectivity and optional 10/100 Ethernet allow easy system integration.
Specifications at a Glance*

**Standard Features**
- Print methods: Thermal transfer (TL) or direct thermal (LP)
- Programming language: EPL™ and ZPL® are standard
- Construction: Dual-wall frame, reinforced plastic
- OpenACCESS™ for easy media loading
- Quick and easy ribbon loading
- Auto calibration
- 32-bit RISC processor
- Reset button defaults to factory and/or network settings
- Unicode™ compliant
- Head up sensor
- Certified Microsoft® Windows® drivers
- Standard tear-off mode
- Serial port auto detection

**Printer Specifications**
- **Print speed:** Maximum 4”/102 mm per second
- **Print width:** 2.2”/56 mm
- **Print length:** Maximum 39.0”/990 mm

**Resolution**
- 203 dpi/8 dots per mm

**Media Specifications**
- Standard: Fixed reflective and transmissive sensors

**Media Characteristics**
- **Media length:** 0.38”/9.7 mm to 39”/990 mm
- **Media width:** 1.00”/25.4 mm to 2.36”/60 mm
- **Media width w/2’ Media Guide:** 0.585”/15 mm to 1.44”/36.6 mm
- **Maximum media roll size:** 5”/127 mm O.D. on a 1.00”/25.4 mm, 1.5”/38 mm I.D. core
- **Media thickness:** 0.003”/0.08 mm to 0.007”/0.18 mm
- **Media types:** Roll-fed or fan-fed, die cut or continuous direct thermal labels with or without black mark, tag stock, continuous receipt paper, wristbands, and optional liner-free direct thermal media

**Ribbon Characteristics (TLP only)**
- **Outside diameter:** 1.38”/35 mm
- **Standard length:** 244”/610 mm
- **Ratio:** 1:1 media to roll to ribbon
- **Width:** 1.33”/33.8 mm to 2.4”/58 mm
- **Core (I.D.):** 1.00”/25.4 mm, 1.5”/38 mm

**Operating Characteristics**

**Environmental**
- **Operating Temp:** 40° F/5°C to 105° F/41°C
- **Storage Temp:** -40°F/-40°C to 140°F/60°C
- **Operating Humidity:** 10% to 90% non-condensing R.H.
- **Storage Humidity:** 5% to 95% non-condensing R.H.

**Resolution**
- 203 dpi/8 dots per mm

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

**Software**
- **Zebra Setup Utilities—Windows utility drivers to set up and configure your Zebra printer**
- ZebraDesigner™ Pro—An intuitive, easy-to-use software program for creating complex label designs (option)
- **ZebraNet™ Bridge Enterprise—Centrally manage Zebra printers from a single PC screen anywhere on your global network**
- **ZebraNet Utilities v7.0—Provides enhanced printing, conversion and administration capabilities; message management; and more**
- **Zebra Universal Driver**—The most powerful driver for peripherals, and much more (option)
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**Electrical**
- Auto-detectable (PFC Compliant) 100-240VAC 50-60Hz

**Agency Approvals**
- **Emissions:** FCC Part 15, Subpart B, VCCI, C-Tick
- **Label:** Standard with ZBI 2.0
- **Safety:** CB Scheme IEC 60950:1991 +A1 +A2 +A3 +A3 +A4, UL 60950 and C-UL, IRAM NOM, AAMI

**Physical Characteristics**
- **Direct Thermal (LP):**
  - **Width:** 4.37”/111 mm
  - **Height:** 6.75”/171 mm
  - **Depth:** 8.5”/216 mm
  - **Weight:** 2.7 lbs/1.2 kg
- **Thermal Transfer (TLP):**
  - **Width:** 5.3”/135 mm
  - **Height:** 7.0”/178 mm
  - **Depth:** 9.5”/241 mm
  - **Weight:** 3.5 lbs/1.6 kg

**ZebraLink™ Solutions**
- **Software**
  - Zebra Setup Utilities—Windows utility drivers to set up and configure your Zebra printer
  - ZebraDesigner™ Pro—An intuitive, easy-to-use software program for creating complex label designs (option)
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  - Zebra Universal Driver—The most powerful driver for peripherals, and much more (option)

**Communication and Interface Capabilities**
- **ZebraNet™ Bridge Enterprise—Centrally manage Zebra printers from a single PC screen anywhere on your global network**
- **ZebraNet Utilities v7.0—Provides enhanced printing, conversion and administration capabilities; message management; and more**
- **Zebra Universal Driver**—The most powerful driver for peripherals, and much more (option)

**Fonts/Graphics**
- 16 resident expandable ZPL fonts
- One resident scaleable ZPL font
- 5 resident expandable EPL fonts
- Supports user-defined fonts and graphics—including custom logos

**Options and Accessories**
- **Dispenser**—label peel and present with label taken sensor
- **Cutter** for use on the following media types with maximum thickness of 0.007”/0.18 mm and minimum label length of 1.0/25.4 mm:
  - **Continuous paper**—Most receipt or fax paper is acceptable
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**Safety**
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**E-mail:** inquiry4@zebra.com

**Other Locations**
- USA: California, Georgia, Rhode Island, Texas, Wisconsin
- Europe: France, Germany, Italy, Netherlands, Poland, Spain, Sweden
- Asia Pacific: Australia, China, India, Japan, South Korea
- Latin America: Argentina, Brazil, Florida (USA), Mexico
- Africa/Middle East: Russia, South Africa
- Other Locations

**www.zebra.com**