Zebra’s Desktop series thermal printers offer space-saving performance that includes flexible connectivity and unmatched reliability and versatility.

**Zebra’s Desktop series thermal printers** integrate easily into a variety of mid- to low-volume printing applications including:

- **Shipping/Receiving**
- **Warehouse shelf labeling and inventory control**
- **Healthcare specimen labeling and patient tracking**
- **Retail product marking, shelf labeling, and coupon and receipt printing**
- **Transportation/Logistics**
- **E-commerce postage**

**Fonts/Graphics/Symbologies**
- Fonts and Character Sets (EPL Desktop Series): Standard fonts: 5 bitmapped, expandable 8x Soft font storage in Flash memory
- Fonts and Character Sets (ZPL Desktop Series): Standard fonts: 16 bitmapped, 1 smooth scalable (E3 Trimature Solid Condemned) Supports user-defined fonts and graphics—including custom logos
- IBM Page 850 International Characters
- Graphic Features: Line and box drawing
- Bar Code Symbolics
  - All Models: CodaTerm; Code 39; Code 93; Code 128 with subsets A/B/C and UCC Case Codes; Interleaved 2-of-5; Plessey; UPC/EAN-128; UPC-A, UPC-E, EAN 8, EAN 13 with 2 or 5 digit add-on
  - 2-Dimensional Codes: Data Matrix; MaxiCode; Code 11, Industrial 2-of-5; GS1-128 (Lagopus); GS1-128 (Limited, truncated, stacked); Standard 2-D
  - 140˚ F/60˚ C
  - Operating humidity: 10–90% non-condensing
  - Storage/humidity: 5–95% non-condensing
- **Electrical**
  - Autoranging external power supply
  - Input: 100-240 VAC; 50–60 Hz
  - Output: 20 VDC; 2.5 A
- **Communication and Interface Capabilities**
  - Serial RS-232 (DB9)
  - Centronics® Parallel (36 pin)
  - USB x 1
  - Optional Internal Ethernet (ZebraNet PrintServer II)
- **Agency Approvals**
  - UL-CUL, FCC, VCCI, TÜV, CE, CCC, NOM, IEC, BSI, GOST (Refer to technical specification for each individual product for further details.)

**Specifications at a Glance**

**Zebra® Desktop Series**

Thermal, On-Demand Label, Receipt, and Tag Printers

High-quality desktop printers deliver unmatched reliability and versatility.

Zebra’s Desktop printer family offers a comprehensive choice of direct thermal (LP) and thermal transfer (TLP) models for 2- and 4-inch wide printing — each with distinctive characteristics to ensure your specific application is fully satisfied.

**Small Size with No Compromise in Performance**

Media loading is simplified thanks to the OpenACCESS® design, which tucks the printhead into the printer’s top cover, and provides a clear media window for easy monitoring. Just drop the media in, shut the cover, and start printing! Maximize workplace efficiency with a 5-inch media roll capacity (for fewer label roll changes) and a space-saving, compact design. Their durable, dual-wall construction ensures that Desktop series printers will withstand rough handling in your busy work environment.

**Flexible Networking and Connectivity**

For optimal integration in today’s IT environments, select from serial, parallel, and USB interfaces, or opt for internal Ethernet networking via Zebra’s ZebraNet® PrintServer II. Zebra’s ZPL®-based desktop printers offer easy to use advanced printer management with ZebraLink™ Solutions.
**EPL™ Desktop Series**

Zebra’s Eltron Programming Language

**LP/TLP 2824**

Ideal for retail and other low-to-mid volume label applications, the value-packed, ultra-compact LP/TLP 2824 printers for 2-inch-wide printing redefine the compact printer class. They fit into areas other printers can’t, while they optimize productivity with a full four-inch media capacity and a maximum print speed of four inches per second.

**LP/TLP 2844**

Ideal for applications such as shipping and receiving, parcel delivery, warehouse management, retail, and healthcare, Zebra’s space-saving LP/TLP 2844 printers offer efficient and reliable 4-inch-wide desktop labeling at an affordable price. These simple-to-operate, low-maintenance printers reduce training requirements and operating costs, and provide flexible solutions through a variety of options and accessories.

**TLP 3842**

The space-saving TLP 3842 desktop printer, for print widths up to 4 inches, adds high-resolution print capability to Zebra’s popular and proven Desktop series. The TLP 3842’s 300-dpi print-head enables high-quality, crisp, clear printing of two-dimensional bar codes, fine text, and complex graphics—ensuring high-density data on very small labels is easy to read and highly scannable.

**LP/TLP 3842-Z**

MAXIMUM PRINT AREA

Width: 4.09/104 mm
Length in page mode: 39/990 mm (with standard memory) 22/558 mm (with optional memory)

**RESOLUTION**

300 dpi/12 dots per mm

**MEMORY**

Standard: 1 MB Flash; 512 KB SRAM
Optional: 1 MB Flash; 256 KB SRAM

**PHYSICAL CHARACTERISTICS**

Width: 7.8/193 mm
Depth: 8.7/198 mm
Height: 6.8/173 mm
Weight: 3.7 lbs./1.7 kg

**ZebraLink Solutions**

With ZebraLink Solutions, you can take advantage of the latest innovations today and tomorrow. Zebra is continually adding new features and options to give you more ways to connect and more ways to control your printers.

**Hardware**

ZebraDesigner™ Pro
ZebraNet™ Bridge Enterprise

**Software**

ZebraNet PrintServer II

**Firmwares**

ZPL® and ZPL II™—Universal language for Zebra printers. Simplifies label formatting and enables format compatibility with other Zebra printers (ZPL models only).

ZPL II™—Programming language (Page Model)
ZebraNet Web View—Enables you to connect and control your bar code printer’s Web interface using a common Web browser (ZPL models only).

ZebraLink™—Printers equipped with ZebraNet print servers will notify you via any email-enabled, wired, or wireless device to minimize downtime (ZPL models only).

For More Information

Contact your Zebra representative for additional printer specifications. To learn more about innovative Zebra printers, call +1 800 423 0442, or visit our Web site www.zebra.com.
EPL™ Desktop Series
Zebra’s Eltron Programming Language

LP/TLP 2824
Ideal for retail and other low-to-mid-volume label applications, the value-packed, ultra-compact LP/TLP 2824 printers for 2-inch-wide printing redefine the compact printer class. They fit into areas other printers can’t, while they optimize productivity with a full 5-inch media capacity and a maximum print speed of four inches per second.

LP/TLP 2844
The space-saving TLP 3842 desktop printer, for print widths up to 4 inches, adds high-resolution print capability to Zebra’s popular and proven Desktop Series. The TLP 3842’s 300-dpi printhead enables high-quality, crisp, clear printing for extended label runs. It is built for durability and reliability.

TLP 3842
With ZebraLink Solutions, you can take advantage of the latest innovations today and tomorrow. Zebra is continually adding new features and options to give you more ways to connect and more ways to control your printers.

ZebraNet PrintServer II
Networking: ZebraNet PrintServer II

ZebraLink™ Bridge Enterprise
Software: ZebraLink™ Bridge Enterprise

ZebraLink™ Utilities 7.0
Software: ZebraLink™ Utilities 7.0

ZebraNet™ PrintServer II
Networking: ZebraNet™ PrintServer II

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Software: ZebraNet™ Bridge Enterprise

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Software: ZebraLink™ Bridge Enterprise

ZebraLink™ Utilities 7.0
Software: Zeba
### Desktop Series

**Specifications at a Glance**

<table>
<thead>
<tr>
<th>ALL MODELS</th>
<th><strong>MAXIMUM PRINT SPEED</strong></th>
<th>4″/102 mm per second</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>STANDARD FEATURES</strong></td>
<td>Print method: Direct thermal (LP) or direct thermal/thermal transfer (TLP)</td>
</tr>
<tr>
<td></td>
<td><strong>Construction</strong></td>
<td>ABS double-walled casing</td>
</tr>
<tr>
<td></td>
<td><strong>OpenACCESS design</strong></td>
<td>Head up sensor</td>
</tr>
<tr>
<td></td>
<td><strong>Serial, parallel, and USB interfaces</strong></td>
<td>Windows® drivers (95, 98, NT v.4.0, 2000, XP)</td>
</tr>
<tr>
<td></td>
<td><strong>Windows printer utilities</strong></td>
<td>LP/TLP 2844-Z and TLP 3844-Z ONLY</td>
</tr>
<tr>
<td></td>
<td><strong>Elastic Energy Equalizer™ (E3®)</strong></td>
<td>Text and bar codes printed in 0°, 90°, 180°, 270°</td>
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<tr>
<td></td>
<td><strong>Variable field support</strong></td>
<td>(up to 100)</td>
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<tr>
<td></td>
<td><strong>Counter support</strong></td>
<td>(up to 10)</td>
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<tr>
<td></td>
<td><strong>Variable field addition and subtraction</strong></td>
<td>Status reporting</td>
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<tr>
<td></td>
<td><strong>Form, font, and graphics storage</strong></td>
<td>Line mode support LP 2844 and LP 2844 only</td>
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</tbody>
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### OPERATING CHARACTERISTICS

- **Environment**
  - Operating Temp: 40°F to 105°F (5°C to 40°C) |
  - Storage/Transport Environ. -40°F to 140°F (5°C to 60°C) |
- **Operating Humidity**  10-85% non-condensing |
- **Storage Humidity** |
  - 5-95% non-condensing |
- **Electrical**
  - Autotuning external power supply |
  - Input: 100-240 VAC, 50-60 Hz |
  - Output: 20 VDC, 2.5 A |
- **Communication and Interface Capabilities**
  - Serial RS-232 (DB9) |
  - Centronics® Parallel (36 pin) |
  - USB v1.1 |
  - Optional Internal Ethernet (ZebraNet PrintServer II) |
- **Agency Approvals**
  - UL-CUL, FCC, C-Tick, CE, CCC, IBM Page 850 International Characters |
  - Agency Approvals (requires Asian version printer) |
- **Options and Accessories**
  - Cutter, Real-time clock, Asian language support, Graphic Features, and Tag Printers |

### Zebra’s Desktop series

- **Zebra’s Desktop series thermal printers offer space-saving performance that includes flexible connectivity and unmatched reliability and versatility.**
- **Fonts/Graphics/Symbolologies**
  - ZPL Models only: Code 11, Industrial 2-of-5, GS1-128 (Logomark), MSIS-114 (limited, truncated, stacked), Standard 2-of-5 |
  - 2-Dimensional Codes: MicroPDF417, QR Code |
  - ZPL II®-based desktop printers offer easy to use advanced printer management with ZebraLink™ Solutions.

### Specifications at a Glance*

| Zebra’s Desktop series thermal printers integrate easily into a variety of mid- to low-volume printing applications including: |
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| **Healthcare specimen labeling and patient tracking** |
| **Product retail marking, shelf labeling, and coupon and receipt printing** |
| **Transportation/Logistics** |
| **E-commerce postage** |

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