

# Zebra® desktop printers

Specifications at a glance\*



## LP 2824™



### Direct-thermal printing

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print area

- Width: 56mm (2.2")
- Length: 279mm (11") (with standard memory)
- 558mm (22") (with optional memory)

#### Maximum print speed

- 102 mm (4") per second

#### Memory

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

#### Maximum label and liner width

- 0.08mm (0.003") to 0.18mm (0.0075")

#### Maximum media roll size

- 127mm (5") O.D. on a 25mm (1") or
- 38mm (1.5") I.D. core

#### Media specifications

- Label and liner width: 25.4mm (1") to 60mm (2.36")

#### Communication

- Serial RS232 (DB9)
- USB (except LP 2824 parallel units)
- Parallel (Centronics®)

#### Physical characteristics

##### Width:

- 99mm (3.9")

##### Depth:

- 190mm (7.5")

##### Height:

- 173mm (6.8")

##### Weight:

- 1.2kg (2.6lb)

#### Options and accessories

- External ZebraNet 10/100 Print Server (requires Centronics parallel port)
- Expanded memory: 256KB SRAM
- KDU and KDU Plus™ (not on LP 2824 parallel units)
- Dispenser with label-taken sensor
- Cutter
- Real-time clock
- Windows label design software

#### Programming language

- EPL

## TLP 2824™



### Direct-thermal and thermal-transfer printing

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print area

- Width: 56mm (2.2")
- Length: 279mm (11") (with standard memory)
- 558mm (22") (with optional memory)

#### Maximum print speed

- 102mm (4") per second

#### Memory

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

#### Maximum label and liner width

- 0.08mm (0.003") to 0.18mm (0.0075")

#### Maximum media roll size

- 127mm (5") O.D. on a 25mm (1") or
- 38mm (1.5") I.D. core

#### Media specifications

- Label and liner width: 25.4mm (1") to 60mm (2.36")
- Ribbon width: 33mm (1.3") to 58mm (2.24")

#### Communication

- Serial RS232 (DB9)
- USB (except TLP 2824 parallel units)
- Parallel (Centronics®)

#### Physical characteristics

##### Width:

- 130mm (5.1")

##### Depth:

- 235mm (9.3")

##### Height:

- 178mm (7.0")

##### Weight:

- 1.6kg (3.5lb)

#### Options and accessories

- External ZebraNet 10/100 Print Server (requires Centronics parallel port)
- Expanded memory: 256KB SRAM
- KDU and KDU Plus™ (not on TLP 2824 parallel units)
- Dispenser with label-taken sensor
- Cutter
- Real-time clock
- Windows label design software

#### Programming language

- EPL

## LP 2844™



### Direct-thermal printing

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print speed

- 102mm (4") per second

#### Memory

- Standard: 512KB flash; 256KB SRAM

#### Maximum label and liner width

- 0.08mm (0.003") to 0.18mm (0.0075")

#### Maximum media roll size

- 127mm (5") O.D. on a 25mm (1") or
- 38mm (1.5") I.D. core

#### Media specifications

- Label and liner width: 25.4mm (1") to 108mm (4.25")

#### Communication

- Serial RS232 (DB9)
- USB

- Parallel (Centronics®)

#### Physical characteristics

##### Width:

- 193mm (7.6")

##### Depth:

- 216mm (8.5")

##### Height:

- 168mm (6.6")

##### Weight:

- 1.5kg (3.3lb)

#### Options and accessories

- KDU and KDU Plus
- Dispenser with label-taken sensor
- Cutter
- Windows® label-design software

#### Programming languages

- EPL

# Zebra® desktop printers

## Specifications at a glance\*

### TLP 2844™



#### Direct-thermal and thermal-transfer printing

##### Resolution

- 8 dots per mm (203dpi)

##### Maximum print area

- Width: 104mm (4.09")
- Length: 279mm (11")

##### Maximum print speed

- 102 mm (4") per second

##### Memory

- Standard: 512KB flash; 256KB SRAM

##### Maximum label and liner width

- 0.08mm (0.003") to 0.18mm (0.0075")

##### Maximum media roll size

- 127mm (5") O.D. on a 25mm (1") or
- 38mm (1.5") I.D. core

##### Media specifications

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

##### Communication

- Serial RS232 (DB9)
- USB
- Parallel (Centronics®)

##### Physical characteristics

###### Width:

- 198mm (7.8")

###### Depth:

- 238mm (9.4")

###### Height:

- 173mm (6.8")

###### Weight:

- 1.7kg (3.3lb)

##### Options and accessories

- External ZebraNet 10/100 Print Server
- KDU and KDU Plus™
- Dispenser with label-taken sensor
- Cutter
- Windows label design software

##### Programming language

- EPL

### TLP 3842™



#### Direct-thermal and thermal-transfer printing

##### Resolution

- 12 dots per mm (300dpi)

##### Maximum print area

- Width: 104mm (4.09")
- Length: 279mm (11")

##### Maximum print speed

- 51mm (2") per second

##### Memory

- Standard: 1MB flash; 512KB SRAM

##### Maximum label and liner width

- 0.08mm (0.003") to 0.18mm (0.0075")

##### Maximum media roll size

- 127mm (5") O.D. on a 25mm (1") or
- 38mm (1.5") I.D. core

##### Media specifications

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

##### Communication

- Serial RS232 (DB9)
- USB
- Parallel (Centronics®)

##### Physical characteristics

###### Width:

- 198mm (7.8")

###### Depth:

- 238mm (9.4")

###### Height:

- 173mm (6.8")

###### Weight:

- 1.7kg (3.3lb)

##### Options and accessories

- External ZebraNet 10/100 Print Server
- KDU and KDU Plus™
- Dispenser with label-taken sensor
- Cutter
- Windows label design software

##### Programming language

- EPL

### LP 2824 Plus™



#### Direct-thermal printing

##### Resolution

- 8 dots per mm (203dpi)

##### Maximum print speed

- 102mm (4") per second

##### Memory

- Standard: 4MB flash; 8MB SDRAM
- Optional: 64MB (68MB total) flash with RTC

##### Maximum label and liner width

- 19mm (0.75") to 60mm (2.36")

##### Maximum media roll size

- 127mm (5") O.D.

##### Communication

- Auto-sensing RS-232 serial interface, DB-9
- USB 1.1, bi-directional
- Parallel (Centronics®), bi-directional
- ZebraNet® 10/100 Print Server (optional)

##### Physical characteristics

###### Width:

- Direct-thermal: 107mm (4.2")

###### Height:

- Direct-thermal: 176mm (6.9")

###### Depth:

- Direct-thermal: 214mm (8.4")

###### Weight:

- Direct-thermal: 1.2kg (2.7lb)

##### Options and accessories

- Label dispenser with label-present sensor
- ZebraNet 10/100 Print Server – internal or external
- Ethernet options for network communication and printing
- Cutter for various media types
- Font packs – Asian and other international font kits
- KDU Plus™ and KDU keyboard display units for standalone printing solutions

##### Programming languages

- EPL™ and ZPL®

## TLP 2824 Plus™



### Direct-thermal or thermal-transfer printing

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print speed

- 102mm (4") per second

#### Memory

- Standard: 4MB flash; 8MB SDRAM
- Optional: 64MB (68MB total) flash with RTC

#### Maximum label and liner width

- 19mm (0.75") to 60mm (2.36")

#### Maximum media roll size

- 127mm (5") O.D.

#### Communication

- Auto-sensing RS-232 serial interface, DB-9
- USB 1.1, bi-directional
- Parallel (Centronics®), bi-directional
- ZebraNet 10/100 Print Server (optional)

#### Physical characteristics

##### Width:

- Thermal-transfer: 126mm (5.0")

##### Height:

- Thermal-transfer: 178mm (7.0")

##### Depth:

- Thermal-transfer: 235mm (9.3")

##### Weight:

- Thermal-transfer: 1.6kg (3.5lb)

#### Options and accessories

- Label dispenser with label-present sensor
- ZebraNet 10/100 Print Server – internal or external
- Ethernet options for network communication and printing
- Cutter for various media types
- Font packs – Asian and other international font kits
- KDU Plus and KDU keyboard display units for standalone printing solutions

#### Programming language

- EPL and ZPL

## GK™ models



### Direct-thermal or thermal-transfer printing

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print speed

- 127mm (5") per second Resolution
- 8 dots per mm (203dpi)

#### Memory

- Standard: 4MB flash; 8MB SDRAM
- Maximum label and liner width 108mm (4.25")

#### Maximum media roll size

- 127mm (5") O.D.

#### Media thickness

- 0.076mm (0.003") to 0.19mm (0.0075")

#### Communication

- Auto-sensing RS-232 serial interface, DB-9
- USB 1.1, bi-directional
- Parallel (Centronics®), bi-directional
- ZebraNet 10/100 Print Server (optional)

#### Physical characteristics

##### Width

- Direct-thermal: 171mm (6.75")
- Thermal-transfer: 193mm (7.6")

##### Height

- Direct-thermal: 152mm (6.0")
- Thermal-transfer: 190mm (7.5")

##### Depth

- Direct-thermal: 210mm (8.25")
- Thermal-transfer: 254mm (10.0")

##### Weight

- Direct-thermal: 1.4kg (3lb)
- Thermal-transfer: 2.1kg (4.6lb)

#### Programming languages

- ZPL and EPL

## GX™ models



### Direct-thermal or thermal-transfer printing

#### Resolution

- 8 dots per mm (203dpi)
- 12 dots per mm (300dpi) (GX430t™)

#### Maximum print speed

- GX420: 152mm (6") per second
- GX430: 102mm (4") per second

#### Memory

- Standard: 4MB flash; 8MB SDRAM
- Optional: 64MB (68MB total) flash with real-time clock

#### Maximum label and liner width

- 108mm (4.25")

#### Maximum media roll size

- 127mm (5") O.D.

#### Media thickness

- 0.076mm (0.003") to 0.19mm (0.0075")

#### Communication

- Auto-sensing RS-232 serial interface, DB-9
- USB 1.1, bi-directional
- Parallel (Centronics®), bi-directional
- ZebraNet 10/100 Print Server (optional)
- Bluetooth® wireless (optional)
- Wireless options include LCD for visual communication

#### Physical characteristics

##### Width

- Direct-thermal: 171mm (6.75")
- Thermal-transfer: 193mm (7.6")

##### Height

- Direct-thermal: 152mm (6.0")
- Thermal-transfer: 190mm (7.5")

##### Depth

- Direct-thermal: 210mm (8.25")
- Thermal-transfer: 254mm (10.0")

##### Weight

- Direct-thermal: 1.4kg (3lb)
- Thermal-transfer: 2.1kg (4.6lb)

#### Programming languages

- ZPL and EPL

# General Specifications\*

Refer to [zebra.com](http://zebra.com) for full technical specifications

## Media characteristics

### Media types

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

## Operating characteristics

### Environmental

- Operating temperature: 4.4°C to 41°C
- Storage temperature: -40°C to 60°C
- Operating humidity: 5% to 95% non-condensing
- Storage humidity: 5% to 95% non-condensing

### Electrical

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

## Agency approvals

- Emissions: FCC Part 15, Subpart B, VCCI, C-Tick
- Emissions and Susceptibility: (CE): EN 55022 Class B, EN 61000-3-2, EN 61000-3-0 and EN 55024, CCC
- Safety: CB Scheme IEC 60950:1991 +A1 +A2 +A3 +A4, TÜV NRTL, IRAM NOM, AAMI, CCC

## Software

- ZebraLink™ Solutions Software (downloadable from [www.zebra.com](http://www.zebra.com))
- ZebraDesigner™ Driver
- ZebraDesigner Pro
- ZebraDesigner
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities v7.0
- Zebra Setup Utilities
- POS Driver

## Options and Accessories

- KDU Plus and KDU keyboard display units for standalone printing solutions
- Interface cables and adaptors

# Applications

Zebra's desktop printers support many applications, including:

### Healthcare:

- Patient identification
- Sample and specimen identification
- Sterile services labelling
- Pharmacy prescription labelling

### Retail:

- Product labelling
- Price mark-down
- Shelf-edge labelling
- Voucher and receipt printing

### Travel:

- Boarding passes
- Bag tags

### Hospitality, service & leisure:

- Event and exhibition ticketing
- Fast-food labelling
- Gaming and betting slips

### Supply chain:

- Process, product and shipping labelling

### Post & parcel:

- Electronic franking
- Address labelling



\*Specifications subject to change without notice.

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## Other EMEA Locations

**Europe:** France, Germany, Italy, the Netherlands, Poland, Russia, Spain, Sweden, Turkey  
**Middle East & Africa:** Dubai, South Africa

