



# Zebra® GT800™ Desktop Printer



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## Flexible, Versatile, Easy to Use

Providing performance features at a competitive price, the GT800 thermal transfer/direct thermal desktop printer offers a wide range of advanced functionality to meet a variety of low- to medium-volume printing applications.

The GT800 printer supports both 300 Meter and 74 Meter ribbon capacities—without the need to change settings for different ribbon lengths. Users easily select the appropriate length for the task at hand.

The intuitive design of the GT800 printer combines a choice of three connectivity interfaces and optional 10/100 Ethernet, co-resident EPL2™ and ZPL II® programming languages, Unicode™ and optional ZBI 2.0™ to ensure quick and efficient integration.

Print labels even faster with the printer's powerful 32-bit processor and its large memory for quicker processing and support for more

graphics and longer labels. Designed to save you time and money on ongoing printer management and operator intervention, the printer features status reporting, odometer control and increased ribbon capacity.

With a durable, compact design, the GT800 is equipped with a standard moveable sensor to handle a greater range of custom and Genuine Zebra™ supplies and ensure consistent registration. Enhanced media handling options include the full-width cutter or peel dispenser options.

With print speeds up to 5 inches per second (ips), the GT800 offers users a choice of 203 or 300 dots per inch (dpi) resolution for applications requiring finer, high-quality output.

The larger ribbon capacity and ease of use make the compact GT800 desktop printer an ideal, affordable choice.

## Ideal for These Applications

**Manufacturing:** light-industrial work-in-process, product and shipping labeling

**Transportation & Logistics:** boarding tickets, bag tags, parking passes

**Government:** asset management, documents management, evidence tracking

**Healthcare:** laboratory specimen, blood bank labeling

**Retail:** price labeling, receipt printing

# SPECIFICATIONS AT A GLANCE\*

## Printer Name

GT800 *Not available in North America*

### Standard Features

- 300 meter ribbon capacity
- 32 bit RISC processor
- Co-resident EPL and ZPL II programming languages
- Triple connectivity: Serial, USB and Parallel
- Print methods: Thermal transfer and direct thermal modes
- Construction: Dual-wall frame, reinforced plastic
- OpenACCESS™ for easy media and ribbon loading
- Certified Microsoft® Windows® drivers
- ENERGY STAR® qualified

### Printer Specifications

#### Resolution

- 203 dpi/8 dots per mm (standard)
- 300 dpi/12 dots per mm (optional)

#### Memory

8MB Flash, 8MB SDRAM

#### Print Width

4.09"/ 104 mm

#### Print Length

39"/ 991 mm

#### Print Speed

- 5"/127 mm per second (203 dpi)
- 4"/102 mm per second (300dpi)

#### Media Sensors

Multi-position transmissive and full-width reflective sensor

### Media Characteristics

#### Media Width

0.75"/ 19.05 mm to 4.49"/ 114 mm

#### Media Length

0.25"/ 6.35 mm to 39"/ 991 mm

#### Maximum Media Roll Size

5"/ 127 mm O.D. on a 1"/ 25.4 mm, 1.5"/ 38 mm I.D. core

#### Media Thickness

0.003"/ 0.08 mm ~ 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

#### Outside Diameter

2.6"/ 66 mm (300 m); 1.34"/ 34 mm (74 m)

#### Standard Length

984' (300 m); 244' (74 m)

## Ratio

- 1:4 media to ribbon (300 m)
- 1:1 media to ribbon (74 m)

## Width

1.33"/ 33.8 mm ~ 4.3"/ 109.2 mm

## Core I.D.

- 300 Meter ribbon 1"/ 25.4 mm
- 74 Meter ribbon 0.5"/ 12.7 mm

### Operating Characteristics

#### Environmental

- Operating Temperature: 40°F/ 4.4°C ~ 105°F/ 41°C
- Storage Temperature: -40°F/ -40°C ~ 140°F/ 60°C
- Operating Humidity: 10% ~ 90% non-condensing R.H.
- Storage Humidity: 5% ~ 95% non-condensing R.H.

#### Agency Approvals

TUV-R NRTL, TUV-R CB, NOM, KCC, CE, FCC Class-B

### Physical Characteristics

Width: 7.75"/ 197 mm  
 Height: 7.25"/ 184 mm  
 Depth: 10.75"/ 273 mm  
 Weight: 5.8 lbs/ 2.63 kg

### Fonts/ Graphics/ Symbologies

- 16 resident expandable ZPL fonts
- One resident scalable ZPL font
- 5 resident expandable EPL2 fonts
- Supports user-defined fonts and graphics — including custom logos

### Options and Accessories

- 300 dpi/12 dots per mm
- Dispenser: Label peel and present with label present sensor
- Full-width cutter
- ZebraNet 10/100 Print Server: Internal Ethernet for network communication and printing
- ZKDU™ and KDU Plus™: Keyboard display units for stand-alone printing solutions

### Bar Code Symbologies

- LineBar Code Ratios: 2:1 (non-rotated) and 3:1
  - Linear Bar Codes: Codabar, Code 11 (ZPL), Code 128, Code 39, Code 93, Code 93, EAN-13, EAN-8, EAN-14 (ZPL), German Post Code (EPL), Industrial 2-of-5 (ZPL), Interleaved 2-of-5, Japanese Postnet (EPL), ISBT-128 (ZPL), Logmars (ZPL), MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5 (ZPL), UCC/EAN-128 (EPL), UPC and EAN 2 or 5 digit extensions (ZPL), UPC-A, UPC-A and UPC-E with EAN 2 or 5 digit extensions, UPC-E, and GS1 Databar (formerly RSS)
  - 2-Dimensional: Codablock (ZPL), Code 49 (ZPL), Data Matrix, MaxiCode, QR Code, PDF417, MicroPDF417, Aztec
- (For EPL and ZPL except where noted)

## Communication and Interface Capabilities

- Centronics® Parallel (36 pin) connector ports
- RS-232 Serial interface
- USB V1.1 interface, bi-directional
- Optional Ethernet—10/100 internal (replaces Parallel port)

### ZebraLink™ Solutions

#### Software

- ZebraDesigner Pro – An intuitive, easy-to-use software program for creating complex label designs (optional)
- ZebraDesigner – Offers basic features for simple label design (standard)
- ZebraNet™ Bridge Enterprise – Centrally manage Zebra printers anywhere on your global network from a single PC screen (optional)
- ZebraNet Utilities v 7.0 – Provides printer administration, management, alerting capabilities and more for Windows® 95/98/2000/2003/ME/NT/XP (standard)
- ZebraDesigner™ Windows Driver – Microsoft certified for Windows Vista®, Windows 7, Windows 8 Windows 8.1, Windows 2008, and Windows 2012 (downloadable from www.zebra.com)
- ZBI 2.0 – Powerful programming language that lets printers run standalone applications, connect to peripherals and much more (optional)
- ZBI-Developer – Programming environment for developers to simplify creation, testing and distribution to printers of complex ZBI 2.0 programs (standard with ZBI 2.0)

#### Networking Options

Ethernet: 10/100 internal offered in combination with USB & Serial interface (replaces Parallel port)

#### Firmware

- ZBI 2.0™: Powerful programming language that lets printers run stand-alone applications, connect to peripherals, and much more (option)
- ZBI-Developer™: Programming utility makes it dramatically easier for programmers to create and test complex ZBI 2.0 programs and distribute them to the printer (standard with ZBI 2.0)
- ZPL II®: Zebra Programming Language provides sophisticated label formatting and printer control and is compatible with tabletop and mobile Zebra printers
- EPL2™: Eltron Programming Language simplifies label formatting and enables format compatibility with legacy applications



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