

Zebra® GT800™ Desktop Printer



Affordable with quality, durability and versatility

Providing enhanced performance and reliability at a competitive price, the GT800™ direct thermal/thermal transfer desktop printer offers a wide range of advanced features to meet a variety of low- to medium-volume printing applications. These include productivity-enhancing features such as a 300 meter ribbon that limits downtime by requiring less-frequent replacement; fast, 127 mm per second print speed; powerful 32-bit processor for fast label throughput; and a large memory for faster processing plus support for more graphics and longer labels.

Superior and practical design

Built with Zebra quality and durability and designed for versatility and easy integration, with a flexible choice of three connectivity interfaces and optional 10/100 Ethernet, as well as co-resident EPL2™ and powerful ZPL II® programming languages for compatibility with all Zebra printers. With support for media widths up to 114 mm, the GT800™ is ideal for many applications including those requiring wider media.

Zebra's GT800™ supports many applications, including:

- **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 and blood bank labeling
- **Retail**—Price labeling and receipt printing

Specifications at a Glance*

Printer Name

GT800™

Standard Features

- 300 meter ribbon capacity
- 32 bit RISC processor
- Co-resident EPL2 and ZPL II programming languages
- Triple connectivity: Serial, USB and parallel
- Print methods: Thermal transfer and direct thermal modes; printing of bar codes, text and graphics.
- OpenACCESS™ for easy media and ribbon loading
- Microsoft® Windows® drivers

Printer Specifications

Resolution

203 dpi/8 dots per mm

Memory

8 MB Flash, 8 MB SDRAM (standard)

Print Width

4.09"/104 mm

Print Length

39"/991 mm

Print Speed

5"/127 mm per second

Media Sensors

Reflective and transmissive sensors

Media Characteristics

Media width

.75"/19.5 mm to 4.49"/114 mm

Media length

0.25"/6.5 mm to 39"/991 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-fold
- Label stock (die cut or continuous, direct thermal or thermal transfer)
- Tag stock (die cut or continuous, direct thermal or thermal transfer)

Ribbon Characteristics

Outside diameter

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

Standard length

984' (300 m); 242' (74 m)

Ratio

- 1:4 One ribbon roll per 4 rolls of media (300 Meter)
- 1:1 One ribbon roll per roll of media (74 Meter)

Width

1.33"/33.8 mm to 2.4"/58 mm

Core I.D.

- 300 m ribbon 1.00"/25.4 mm
- 74 m ribbon 0.5"/12.7 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.

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: 10.98 lbs/5 kg

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro—An intuitive, easy-to-use software program for creating complex label designs (option)
- ZebraDesigner—Offers basic features for simple label design
- ZebraNet™ Bridge Enterprise—Centrally manage Zebra printers from a single PC screen anywhere on your global network (unlicensed product free, licensed product option)
- ZebraNet Utilities v7.0—Provides enhanced printing, conversion and administration capabilities; message management; and more
- ZebraDesigner Driver—The most powerful driver available from Zebra
- Web View—Connect and control Zebra bar code printers via the printer's Web interface using a common Web browser using ZPL
- Alert—Printers equipped with ZebraNet® print servers will notify you via any e-mail-enabled, wired, or wireless device to minimize downtime

Networking Options

Ethernet—10/100 internal offered in combination with USB and serial interface (replaces parallel port)

Firmware

- 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 with Line Mode simplifies label formatting and enables format compatibility with legacy applications

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

Bar Code Symbologies

- Bar 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
- 10/100 internal Ethernet with USB V1.1 (option)

Options and Accessories

- Dispenser—Label peel and present with label present sensor
- ZebraNet 10/100 Print Server—Internal Ethernet for network communication and printing
- KDU and KDU Plus™—Keyboard display units for stand-alone printing applications

Electrical Specifications

- Auto-ranging external power supply with C7 type connector
- Output: 20 VDC, 2.5A
- Input: 100-240 VAC, 50-60 Hz

*Specifications subject to change without notice.

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