



Zebra® GT800™ Desktop Printer



SEE MORE. DO MORE.



Compact design with affordability, versatility and ease of use

Providing great 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.

The GT800 printer supports both 74-metre and 300-metre ribbon capacities and, because its intelligent design means that no additional settings are required for supporting different roll lengths, it is easy for users to select the appropriate length for the task in hand.

Larger ribbon capacity (requiring less frequent replacement) and its simplicity of use combine with reliability and compact design to make this printer an ideal choice for commercial environments with moderate printing requirements.

With a full feature set and competitive pricing, the GT800 desktop printer provides an affordable route to Zebra quality.

Intuitive and durable design

The intuitive design of the GT800 printer combines with 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 that integration is quick and efficient.

Print speeds of up to 127mm per second, a powerful processor and memory allocation make label processing and throughput fast and easy whilst ongoing management of the product and operator intervention are kept to a minimum with status reporting, odometer control and increased ribbon capacity.

A durable, compact design supporting a range of media with widths of up to 114mm, the GT800 printer is an excellent choice for customers looking to migrate easily or upgrade from a competitor's thermal-transfer desktop printer.

Ideal for these applications:

- **Healthcare**
 - Document archiving
 - Specimen labelling
 - Sterile services labelling
 - Thermal transfer patient identification
- **Manufacturing**
 - Agency labels
 - Product labelling
- **Retail**
 - Outdoor product labelling
 - Retail pharmacy labelling and safety labels
 - Speciality printing
- **Security**
 - Asset marking
 - Evidence tracking
- **Supply chain**
 - Product and shipping labels for outdoor use

SPECIFICATIONS AT A GLANCE*

ZEBRA GT800 DESKTOP PRINTER

Printer name

- GT800

Standard features

- 300- or 74-metre ribbon handling
- 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 barcodes, text and graphics
- OpenACCESS™ for easy media and ribbon loading
- Microsoft® Windows® drivers
- Odometer
- Unicode™
- ENERGY STAR®-compliant
- Intelligent clutch – no switching or additional setup required
- No secondary cores on genuine Zebra ribbon

Printer specifications

Resolution

- 203dpi/8 dots per mm

Memory

Standard: 8MB flash, 8MB SDRAM

Print width

- 104mm/4.09"

Print length

- 991mm/39"

Print speed

- 203dpi: 127mm/5" per second

Media sensors

- Fixed reflective and transmissive sensors

Media characteristics

Media width

- 19.5mm/0.75" to 114mm/4.49"

Media length

- 6.5mm/0.25" to 991mm/39"

Maximum media roll size

- 127mm/5" O.D. on a 25.4mm/1.00" or 38mm/1.5" I.D. core

Media thickness

- 0.08mm/0.003" to 0.19mm/0.007"

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

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

Standard length

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

Ratio

- 1:4 (one 300m roll of ribbon per four rolls of media)
- 1:1 (one 74m roll of ribbon per roll of media)

Width

- 33.8mm/1.33" to 110mm/4.3"

Core internal diameter

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

Operating characteristics

Environment

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

Agency approvals

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

Physical characteristics

- Width: 197mm/7.75"
- Height: 184mm/7.25"
- Depth: 273mm/10.75"
- Weight: 5kg/10.98lb

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 barcode printers via the printer's Web interface using a common Web browser and ZPL™
- Alert: printers equipped with ZebraNet print servers will notify you via any email-enabled wired or wireless device to minimise downtime
- POS driver

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
- ZBI 2.0: a powerful programming language that lets printers run standalone applications, connect to peripherals and much more
- XML-enabled printing

Networking/Connectivity

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

Fonts/Graphics/Symbologies

- Unicode-compliant for multi-language applications
- 16 resident expandable ZPL fonts
- One resident scalable ZPL font
- Five resident expandable EPL2 fonts
- Supports user-defined fonts and graphics, including custom logos

Barcode symbologies

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

Communication and interface capabilities

- Centronics® parallel (36-pin) connector ports
- Auto-sensing RS-232 serial interface
- ZebraNet 10/100 Print Server (optional)

Options and accessories

- Dispenser – label peel and present with label-present sensor
- ZebraNet 10/100 Print Server – internal and external Ethernet options for network communication and printing
- KDU and KDU Plus™ – keyboard display units for standalone printing applications

Electrical specifications

- Auto-ranging external power supply with C5-type connector
- Output: 20VDC, 2.5A
- Input: 100–240VAC, 50–60Hz



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