Zebra® GT800 Desktop Printers

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 metre and 74 metre 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 127mm per second (mm/s), the GT800 offers users a choice of 203dpi or 300dpi 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: work-in-process, compliance and shipping labelling

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

Government: asset management, documents management, evidence tracking

Healthcare: laboratory specimen, blood bank labelling

Retail: price labelling, product labelling

SPECIFICATIONS AT A GLANCE*

Printer Name

GT800

Standard Features

- 300 metre 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

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

Memory

8MB Flash, 8MB SDRAM

Print Width

104mm/4.09"

Print Length

991mm/39"

Print Speed

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

Media Sensors

Multi-position transmissive and full-width reflective sensor

Media Characteristics

Media Width

19.05mm/0.75" to 114mm/4.49"

Media Length

6.35mm/0.25" to 991mm/39"

Maximum Media Roll Size

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

Media Thickness

0.08mm/0.003" ~ 0.18mm/0.007"

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

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

Standard Length

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

Ratio

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

Width

33.8mm/1.33" ~ 109.2mm/4.3"

Core I.D.

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

Operating Characteristics

Environmental

- Operating Temperature: 4.4˚C/40˚F ~ 41˚C/105˚F
- Storage Temperature: -40˚C/-40˚F ~ 60˚C/140˚F
- 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:	197mm/7.75"
Height:	184mm/7.25"
Depth:	273mm/10.75"
Weight:	2.63kg/5.8lbs

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

- 12 dots per mm/300 dots per inch (dpi)
- Dispenser: Label peel 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-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: internal 10/100 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)
- 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

ENERGY STAR

ZEBRA

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