



Zebra GX Series

**THE DESKTOP PRINTERS FOR LABEL
RECEIPTS AND TAGS**



Zebra's G-Series printers support many application, including:

- Retail price marking, gift registry, and coupon and receipt printing
- Retail pharmacy prescription labeling
- Healthcare specimen labeling and patient tracking
- Light-industrial work-in-process, product and shipping labeling
- Security applications: visitor ID, evidence tracking, parking passes
- Travel/Hospitality: boarding passes, bag, tags, ski lift tickets

ALWAYS A PERFECT FIT

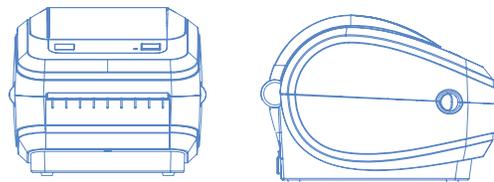
Zebra's G-Series compact desktop printers for print widths up to 4 inches deliver best-in-class speed and performance. From the basic GK™ model to the feature-rich GX™ model, the G-Series printers are reliable, durable, and flexible to fit almost any low-to mid-volume printing application and budget.

FITTING CHOICE

Built with Zebra durability and reliability, the G-Series GK model provides the best value of all basic desktop thermal printers, while the premier GX model supports a variety of industries and applications with the widest range of features. Choose the space-saving direct thermal version of either model for the smallest footprint of any 4-inch desktop printer, or the direct thermal/thermal transfer version to save users time with the easiest ribbon-loading system available.

With both EPL™ and ZPL programming languages native on all models, G-Series printers fit in perfectly with other Zebra printers. And a variety of connectivity options makes them easy to integrate into existing local or networked systems.

Zebra's G-Series printers are a smart investment, and always a perfect fit.



Connect With it. Count on it.™

Zebra GX Series

Specifications



➔ **GX420d™**

The direct thermal GX420d is extra compact to fit in congested workspaces and produces 203-dpi print resolution at speeds up to 6 inches per second. Its wide range of options include 802.11b/g or Bluetooth® wireless connectivity and 10/100 Ethernet, in addition to standard USB/serial/parallel. Increase your media choices and application flexibility with cutter, peeler, and adjustable black line sensor options.

PRINT SPEED

Maximum print speed 6"/152 mm per second

RESOLUTION

203 dpi/8 dots per mm

MEMORY

8 MB SDRAM
4 MB Flash
8 MB (12 MB total) Flash with RTC (optional)

CONNECTIVITY

Serial RS-232
USB V1.1
Parallel
ZebraNet 10/100 Ethernet (optional)
802.11b/g wireless (optional)
Bluetooth wireless (optional)
Wireless options include LCD for visual communication

PROGRAMMING LANGUAGES

EPL and ZPL co-resident

MAXIMUM PRINT AREA

Width: 4.09"/104 mm
Length: 39"/991 mm

MEDIA SPECIFICATIONS

Label and liner width: 0.75"/19 mm to 4.25"/108 mm



➔ **GX420t™**

The direct thermal/thermal transfer GX420t has the easiest ribbon-loading system around. Like the GX420d, it produces 203-dpi print resolution at speeds up to 6 inches per second, and like all GX models, it's well-suited to a variety of applications and industries thanks to a wide choice of options.

PRINT SPEED

Maximum print speed 6"/152 mm per second

RESOLUTION

203 dpi/8 dots per mm

MEMORY

8 MB SDRAM
4 MB Flash
8 MB (12 MB total) Flash with RTC (optional)

CONNECTIVITY

Serial RS-232
USB V1.1
Parallel
ZebraNet 10/100 Ethernet (optional)
802.11b/g wireless (optional)
Bluetooth wireless (optional)
Wireless options include LCD for visual communication

PROGRAMMING LANGUAGES

EPL and ZPL co-resident

MAXIMUM PRINT AREA

Width: 4.09"/104 mm
Length: 39"/991 mm

MEDIA SPECIFICATIONS

Label and liner width: 0.75"/19 mm to 4.25"/108 mm
Ribbon width: 1.33"/33.8 mm to 4.3"/109.2 mm
Ribbon length: 244'/74 m



➔ **GX430t™**

This direct thermal/thermal transfer desktop printer includes a 300-dpi printhead to ensure high-quality, crisp, clear printing of 2-D bar codes, fine text and complex graphics—ideal for high-density data on small labels. Like the GX420t, it has the widest range of features and the easiest ribbon-loading system of any desktop printer on the market. It prints up to 4 inches per second.

PRINT SPEED

Maximum print speed 4"/102 mm per second

RESOLUTION

300 dpi/12 dots per mm

MEMORY

8 MB SDRAM
4 MB Flash
8 MB (12 MB total) Flash with RTC (optional)

CONNECTIVITY

Serial RS-232
USB V1.1
Parallel
ZebraNet 10/100 Ethernet (optional)
802.11b/g wireless (optional)
Bluetooth wireless (optional)
Wireless options include LCD for visual communication

PROGRAMMING LANGUAGES

EPL and ZPL co-resident

MAXIMUM PRINT AREA

Width: 4.09"/104 mm
Length: 39"/991 mm

MEDIA SPECIFICATIONS

Label and liner width: 0.75"/19 mm to 4.25"/108 mm
Ribbon width: 1.33"/33.8 mm to 4.3"/109.2 mm
Ribbon length: 244'/74 m



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Specifications

STANDARD FEATURES

Print methods: Thermal transfer or direct thermal
Programming language: EPL and ZPL are standard
Construction: Dual-wall frame
Tool-less printhead and platen replacement
OpenACCESS™ for easy media loading
Quick and easy ribbon loading
Auto-calibration of media

PRINTER SPECIFICATIONS

Resolution
203 dpi/8dots per mm;
300 dpi/12 dots per mm (GX430t model)

Memory
Standard: 4 MB Flash; 8 MB SDRAM
Optional: 8 MB (12 MB total) Flash with RTC
(GX models)

Print width
4.09"/104 mm

Maximum Print length
39.0"/990 mm

Maximum Print speed
GX420: 5"/127 mm per second
GX420: 6"/152 mm per second
GX430: 4"/102 mm per second

Media sensors
Standard: Fixed reflective and transmissive sensors
Optional: Adjustable reflective black line sensor (GX models)

MEDIA CHARACTERISTICS

Maximum label and liner length
Maximum noncontinuous: 39"/991 mm

Maximum label and liner width
0.75"/19 mm to 4.25"/108 mm

Maximum media roll size
5"/127 mm O.D.

Media thickness
0.003"/0.08 mm to 0.0075"/0.19 mm

Media types
Roll-fed or fan-fed, die-cut or continuous direct thermal labels with or without black line, tag stock, continuous receipt paper, wristbands

RIBBON CHARACTERISTICS

Outside diameter
1.36"/35 mm

Standard length
244'/74 m

Ratio
1:1 media to roll to ribbon

Width
1.33"/33.8 mm to 43"/109.2 mm

Core inner diameter
0.5"/12.7 mm

OPERATING CHARACTERISTICS

Environmental
Operating temperature: 40° F/4.4° C to 105° F/41° C
Storage temperature: -40° F/-40° C to 140° F/60° C
Operating humidity: 5% to 95% non-condensing
Storage humidity: 5% to 95% non-condensing

Electrical
Auto-detectable (PFC Compliant) 100-240VAV, 50-60Hz
Agency Approvals
Emissions: FCC Part 15, Subpart B, VCCI, C-Tick
Emissions and Susceptibility: (CE): EN55022 Class-B, EN61000-3-2, EN61000-3-0 and EN55024, CCC
Safety: CB Scheme IEC IEC 60950:1991 +A1 +A2 +A3 +A4, TUV NRTL, IRAM NOM, AAMI, CCC

Physical Characteristics

PHYSICAL CHARACTERISTICS

	Direct Thermal	Thermal Transfer
Width:	6.75"/171 mm	7.6"/193 mm
Height:	6.0"/152 mm	7.5"/191 mm
Depth:	8.25"/210 mm	10.0"/254 mm
Weight:	3 lbs/1.4 kg	4.6 lbs/2.1 kg

ZEBRALINK™ SOLUTIONS

Software
ZebraDesigner™ Pro
ZebraDesigner
ZebraNet™ Bridge Enterprise
ZebraNet Utilities v7.0
Zebra Universal Driver
ZebraDesigner Driver

Networking/Connectivity
ZebraNet® 10/100 Print Server (optional)
802.11b/g wireless (optional on GX model)
Bluetooth wireless (optional on GX model)
Wireless options include LCD for visual communication

Firmware
EPL2™
EPL™ Line Mode (direct thermal only)
ZPL II®
Web View
Alert

COMMUNICATION AND INTERFACE CAPABILITIES

GX models triple interface standard
RS-232 serial interface, DB-9
USB V1.1, bi-directional
Parallel DB-25 female connector
ZebraNet 10/100 Print Server (optional)—replaces parallel
802.11b/g wireless (optional)—replaces parallel
Bluetooth wireless (optional)—replaces parallel
Wireless options include LCD for visual communication

GK models dual interface standard
RS-232 serial interface, DB-9
USB V1.1, bi-directional
ZebraNet 10/100 Print Server (optional)—replaces serial

FONTS / GRAPHICS / SYMBOLOGIES

Fonts and Character Sets
16 resident expandable ZPL II bitmap fonts
One resident scaleable ZPL font
Five resident expandable EPL2 fonts
Native open type font support
Unicode™ compliant for multi-language, on-demand thermal printing

Graphic Features
Supports user-defined fonts and graphics—including custom logos
ZPL II drawing commands—for boxes and lines

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

OPTIONS AND ACCESSORIES

Dispenser—label peel and present with label present sensor
ZebraNet 10/100 Print Server—Internal Ethernet for network communication and printing
802.11b/g wireless (optional)
Bluetooth wireless (optional)
Wireless options include LCD for visual communication
Adjustable media sensor for black line media—GX models only
Cutter for various media types—GX models only
8 MB Flash memory with real-time clock (for total of 12 MB)—GX models only
Font Packs—Asian and other international font kits
KDU Plus™ and KDU™ keyboard display units for stand-alone printing solutions

*Specifications subject to change without notice.
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Zebra GX-Series printers

Always a perfect fit, Zebra's G-Series desktop printers support a variety of applications with the basic GK models to the feature-rich GX models.



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