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 Choices

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 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.

Ideal for These Applications

Retail / Price marking, Gift registry, coupon and receipt printing, Pharmacy prescription labeling

Healthcare / Specimen labeling, Patient tracking

Manufacturing / Light-industrial work-in-process and product labeling

Security / Visitor ID, Evidence tracking, Parking passes

Travel & Hospitality / Boarding passes, Bag tags, Ski lift tickets
### Printer Name
- GK420
- GX420
- GX430

### Standard Features
- Print methods: Thermal transfer or direct thermal
- Programming language: EPL and ZPL are standard construction.
- Tool-less printhead and platen replacement
- OpenACCESS™ for easy media loading
- Quick and easy ribbon loading
- Auto-calibration of media
- Triple connectivity: USB, parallel, serial

### Printer Specifications
**Resolution**
- 203 dpi/8 dots per mm
- 300 dpi/12 dots per mm (GX430t model)

**Memory**
- Standard: 4 MB Flash; 8 MB SDRAM
- Optional: 64 MB (68 MB total) Flash with RTC

**Print Speed**
- GK420™: 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 non-continuous: 39”/990 mm
- Maximum Label and Liner Width: 0.75”/19 mm to 4.25”/108 mm
- Maximum Media Roll Size: 6”/127 mm O.D.
- Media Thickness: 0.003”/0.08 mm to 0.0075”/0.19 mm

**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°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) 100-240VAC, 50-60Hz

**Agency Approvals**
- Emissions: FCC Part 15, Subpart B, VCCI, C-Tick
- Emissions and Susceptibility: (IEC): EN55022 Class-B, EN61000-3-2, EN61000-3-0 and EN55024, CCC
- Safety: CB Scheme IEC 60950:1991 +A1 +A2 +A3 +A3 +A4, TUV NRTL, IRAM NOM, AAMI, CCC

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

**Software**
- ZebraDesigner™ Pro
- ZebraDesigner
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities V7.0
- Zebra Universal Driver
- ZebraDesigner Driver
- ZBI-Developer™
- POS Driver

**Networking and Connectivity**
- Ethernet—10/100 internal (optional) offered in combination with USB and serial interface (replaces parallel port)
- Wireless—802.11 b/g or Bluetooth (optional) with LCD display offered in combination with USB and serial interfaces (replaces parallel port)—GX models only

**Barcode Symbolics**
- Barcodes: Code 128, Code 39, 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), ECC/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
- Bluetooth wireless, includes LCD for visual communication—GX models only
- 802.11b/g wireless radio, includes LCD for visual communication—GX models only
- Adjustable media sensor for black line media—GX models only
- Cutter for various media types—GX models only
- 300 dpi print resolution printing for fine detail and crisp images (GX430™)
- 64 MB Flash memory with real-time clock (for total of 68 MB)—GX models only
- Font Packs—Asian and other international font kits
- KDU Plus™ and KDU™ keyboard display units for stand-alone printing solutions
- Interface cables and adapters

### Specifications at a Glance*

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*Specifications subject to change without notice.

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