Zebra® G-Series™
GK420™, GX420™, GX430™

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 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.

Zebra’s G-Series printers support many applications, 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

www.zebra.com/g-series
Specifications at a Glance*

**Standard Features**
- Print methods: Thermal transfer or direct thermal
- Programming language: EPL and ZPL are standard construction: Dual-wal frame
- 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 (88 MB total) Flash with RTC (GX models)
- Print width: 4.09/104 mm
- Maximum Print length: 39.0/990 mm
- Maximum Print speed: 
  - GX420t: 5'/152 mm per second
  - GX420: 6'/152 mm per second
  - GK420: 5'/127 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 non-continuous: 39.0/990 mm
  - Maximum label and liner width: 0.75/19 mm to 4.25/106 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: 1.38/35 mm
- Standard length: 244/74 mm
- 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) 100-240VAC, 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**
- Width: 6.75/171 mm
- Height: 6.0'/152 mm
- Depth: 8.25/210 mm
- Weight: 3 lbs/1.4 kg

**ZebraLink™ Solutions**
- Software: 
  - ZebraDesigner™ Pro
  - ZebraDesigner
  - ZebraNet™ Bridge Enterprise
  - ZebraNet Utilities v7.0
  - Zebra Universal Driver
  - ZebraDesigner Driver
  - ZBI-Developer™
  - POS Driver

**Networking/Connectivity**
- Ethernet—10/100 internal (optional) offered in combination with USB and serial interfaces (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

**Firmware**
- EPL™ Line Mode (direct thermal only)
- EPL2™
- ZPL II™
- ZBI-Developer™
- Web View
- Alert
- ZBI™

**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
- 802.11/b/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 (GX430t™)
- 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 subject to change without notice. ©2011 ZIH Corp. EPL, EPL2, OpenACCESS, ZebraLink and all product names and numbers are Zebra trademarks, and Zebra, the Zebra head graphic, ZPL, ZPL II, and ZebraNet are registered trademarks of ZIH Corp. All rights reserved. Bluetooth is a registered trademark of Bluetooth SIG, Inc. Centronics is a registered trademark of Centronics Data Computer Corporation. Unicode is a trademark of Unicode, Inc. All other trademarks are the property of their respective owners.

---

**Corporate Headquarters**
- 1 800 423 0442
- Email: inquiry4@zebra.com

**Asia-Pacific Headquarters**
- +65 6888 0722
- Email: apachannelmarketing@zebra.com

**EMEA Headquarters**
- +44 (0)1628 556000
- Email: mseurope@zebra.com

**Latin America Headquarters**
- +1 847 855 2283
- Email: inquiry4@zebra.com

**Other Locations**
- USA: California, Georgia, Illinois, Rhode Island, Texas, Wisconsin
- Europe: France, Germany, the Netherlands, Poland, Spain, Sweden, Turkey
- United Kingdom: Asia Pacific: Australia, China, Hong Kong, India, Japan, Malaysia, South Korea, Singapore, Thailand
- Latin America: Brazil, Florida (LA Headquarters in USA), Mexico, Africa/Middle East: Dubai, South Africa

**GSA#: GS-35F-0268N**

---

**Core inner diameter**