



# Zebra® G-Series™ Printers



SEE MORE. DO MORE.



## Making a difference to your desktop

Zebra's G-Series compact desktop printers deliver best-in-class speed and performance for print widths up to 104mm (4"). From the basic GK™ model to the feature-rich GX™ model, the G-Series printers offer a reliable, durable and flexible desktop solution for any printing application and budget.

Built with Zebra durability and reliability, Zebra's G-Series GK model provides the best value of all basic desktop thermal printers, while the premium 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 104mm (4") 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® native on all models and a variety of connectivity options for personal, local and networked systems, the G-Series printers integrate easily and seamlessly with other Zebra printing solutions.

## Ideal for These Applications

**Healthcare** / Patient identification, Sample & specimen identification, Sterile services labelling, Pharmacy prescription labelling

**Retail** / Product labelling, Price mark-down, Shelf-edge labelling, Voucher and receipt printing

**Travel** / Boarding passes, Bag tags

**Hospitality, Service & Leisure** / Event and exhibition ticketing, Fast-food labelling, Gaming and betting slips

**Supply Chain** / Process, product and shipping labelling

**Post & Parcel** / Electronic franking, Address labelling

# SPECIFICATIONS AT A GLANCE\*

## Printer Name

GK420, GX420 & GX430

## Standard Features

- Print methods: Direct-thermal or thermal-transfer
- Programming languages: EPL and ZPL as standard
- Construction: Dual-wall frame
- Tool-less replacement of printhead and platen
- OpenACCESS™ for easy media loading
- Quick and easy ribbon loading
- Auto-calibration of media
- 32-bit RISC processor
- Odometer
- Unicode™

## Printer Specifications

### Resolution

- 8 dots per mm/203dpi
- 12 dots per mm/300dpi (GX430t™)

### Memory

- Standard: 4MB flash; 8MB SDRAM
- Optional: 64MB (68MB total) flash with real-time clock (GX models)

### Maximum print length

39.0"/990mm

### Maximum print speed

- GK420: 5"/127mm per second
- GX420: 6"/152mm per second
- GX430: 4"/102mm per second

### Media sensors

- Standard: Fixed reflective and transmissive sensors
- Adjustable reflective and multi-position transmissive sensor (GX models, optional)

## Media Characteristics

### Maximum label and liner length

Maximum non-continuous: 39"/990mm

### Maximum label and liner width

0.75"/19mm to 4.25"/108mm

### Maximum media roll size

5"/127mm O.D.

### Media thickness

0.003"/0.076mm to 0.0075"/0.19mm

### Media types

Roll-fed or fanfold, die-cut or continuous direct-thermal labels with or without black mark, tag stock, continuous receipt paper, wristbands

## Ribbon characteristics

### Outside diameter

1.36"/35mm

### Length

244'/74m (when using 0.08mm ribbon thickness)

### Ratio

1:1 media roll to ribbon

### Width

1.33"/33.8mm to 4.3"/109.2mm

### Core inner diameter

0.5"/12.7mm

## Operating Characteristics

### Environmental

- Operating temperature: 4°C to 41°C
- Storage temperature: -40°C to 60°C
- Operating humidity: 10% to 90% 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): EN 55022 Class B, EN 61000-3-2, EN 61000-3-0 and EN 55024, CCC
- Safety: CB Scheme IEC 60950:1991 +A1 +A2 +A3 +A4, TÜV NRTL, IRAM NOM, AAMI, CCC

## Physical Characteristics

	Direct-thermal	Thermal-transfer
Width:	6.75"/171mm	7.6"/193mm
Height:	6.0"/152mm	7.5"/190mm
Depth:	8.25"/210mm	10.0"/254mm
Weight:	3 lb/ 1.4kg	4.6 lb/ 2.1kg

## ZebraLink™ Solutions

### Software (downloadable from [www.zebra.com](http://www.zebra.com))

ZebraDesigner Driver, ZebraDesigner™ Pro, ZebraDesigner, ZebraNet™ Bridge Enterprise, ZebraNet Utilities v7.0, Zebra Setup Utilities, POS DriverNetworking/Co

### Networking/Connectivity

- ZebraNet® 10/100 Print Server (optional)
- 802.11g wireless LAN (for GX only)
- Bluetooth® wireless PAN (for GX only)

### Firmware

EPL2™, EPL Line Mode (direct-thermal only – GK420d and GX420d), ZPL II®, XML-enabled printing, ZBI 2.0™, Web View, Alert

## Communication and Interface Capabilities

- Auto-sensing RS-232 serial interface, DB-9
- USB 1.1, bi-directional
- Parallel (Centronics®), bi-directional
- ZebraNet 10/100 Print Server (optional)
- 02.11g wireless (GX models, optional)
- Bluetooth wireless (GX models, optional)
- Wireless options include LCD for visual communication

## Fonts/ Graphics/ Symbolologies

### Fonts and character sets

- 16 resident expandable ZPL II bitmap fonts
- One resident scalable ZPL font
- Five resident expandable EPL2 fonts
- Native OpenType™ font support
- Unicode-compliant for multi-language applications

### Graphics features

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

### Barcode symbolologies

- OBarcode ratios: 2:1 (non-rotated) and 3:1 For EPL and ZPL except where noted
- 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 (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-A and UPC-E with EAN 2 or 5 digit extensions, UPC-E, UPC and EAN 2 or 5 digit extensions (ZPL)
- Two-dimensional: Codablock (ZPL), Code 49 (ZPL), Data Matrix, (ZPL), MaxiCode, MicroPDF417, PDF417, QR Code

## Options and Accessories

- Label dispenser with label-present sensor
- ZebraNet 10/100 Print Server: internal and external Ethernet options for network communication and printing
- 802.11b/g wireless (GX models)
- Bluetooth wireless (GX models)
- Wireless options include LCD for visual communication
- Adjustable media sensor (GX models)
- Cutter for various media types (GX models)
- 300dpi print resolution printing for fine detail and crisp images (GX430t)
- 64MB flash memory with real-time clock for total of 68MB (GX models)
- Font packs: Asian and other international font kits
- KDU Plus™ and KDU™ keyboard display units for standalone printing solutions
- Interface cables and adaptors



## ASIA-PACIFIC HEADQUARTERS

### Zebra Technologies Asia Pacific Pte Ltd

71 Robinson Road, #05-02/03, Singapore 068895 T: 65 6858 0722 F: 65 6885 0838

**Asia-Pacific Sales Representations:** Australia, China, Hong Kong, India, Indonesia, Japan, Malaysia, New Zealand, Philippines, South Korea, Singapore, Thailand, Taiwan, Vietnam

### Other Locations

**USA:** California, Georgia, Illinois, Rhode Island, Texas, Wisconsin

**Europe:** France, Germany, Italy, the Netherlands, Poland, Spain, Sweden, Turkey, United Kingdom

**Latin America:** Brazil, Florida (LA Headquarters in USA), Mexico **Middle East & Africa:** Dubai, South Africa

SEE MORE.  
DO MORE.

[www.zebra.com](http://www.zebra.com)

(9/12)AP

\*Specifications subject to change without notice. ©2012 ZIH Corp. EPL, EPL2, KDU, KDU Plus, OpenACCESS, ZBI 2.0, ZebraDesigner, ZebraLink, ZebraNet and all product names and numbers are Zebra trademarks, and Zebra, representation of Zebra Head, ZebraNet, ZPL and ZPL II are registered trademarks of ZIH Corp. All rights reserved. Bluetooth is a registered trademark of the Bluetooth SIG, Inc. OpenType is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries. Unicode is a trademark of Unicode, Inc. Centronics is a registered trademark of Centronics Data Computer Corporation. All other trademarks are the property of their respective owners.