



Zebra® GC420™ Desktop Printer



SEE MORE. DO MORE.



Affordability Meets High-Quality

Zebra's feature-rich, competitively priced GC420™ desktop printer brings Zebra quality, durability and reliable performance to many low- to medium-volume, direct thermal and thermal transfer printing applications.

Compact Design Filled with Powerful Features

The GC420 printer's compact, space-saving design contains a

powerful 32-bit processor for fast label throughput, and 8 MB Flash memory for increased storage of fonts and graphics. The GC420 supports media widths up to 4.25" for standard desktop applications. It also includes both EPL2™ and powerful ZPL II® programming languages—making it easy to integrate with other Zebra printers. Peeler/dispenser option extends the GC420 printer's versatility to meet an even greater variety of applications.

Ideal for These Applications

Government / asset management, documents management, evidence tracking

Healthcare / laboratory specimen and blood bank labeling

Retail / price labeling and receipt printing

Manufacturing / light-industrial work-in-process, product and shipping labeling

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

SPECIFICATIONS AT A GLANCE*

Printer Name

GC420™

Standard Features

- 32 bit RISC processor
- Programming languages: EZPL (ZPL, ZPL II and EPL2)
- Triple connectivity: USB, parallel and serial
- Print methods: Direct thermal and thermal transfer, printing of barcodes, text and graphics.
- OpenACCESS™ for easy media and ribbon loading
- Microsoft® Windows® drivers

Printer Specifications

Resolution

203 dpi/8 dots per mm

Memory

8 MB Flash, 8 MB SDRAM (standard)

Print width

4.09"/104 mm

Print length

39"/990 mm

Print speed

4"/102 mm per second maximum

Media sensors

Reflective and transmissive sensors

Media Characteristics

Media width

1.00"/25.4 mm to 4.25"/108 mm

Media length

0.38"/9.6 mm to 39"/990 mm

Maximum media roll size

5"/127 mm O.D. on a 1.00"/25.4 mm, 1.5"/38 mm I.D. core

Media thickness

0.003"/0.08 mm to 0.007"/0.18 mm

Media types

- Roll-fed or fan fold
- Label stock (die cut or continuous, direct thermal or thermal transfer)
- Tag stock (die cut or continuous, direct thermal or thermal transfer)
- Receipt paper (continuous, direct thermal)
- Wristband stock (direct thermal or thermal transfer)

Ribbon Characteristics

Outside diameter

1.34"/34 mm

Standard length

244' (74 m)

Ribbon capacity

1:1 One ribbon per roll of media

Width

1.33"/33.8 mm to 4.3"/110 mm

Core I.D.

0.5"/12.7 mm

Operating Characteristics

Environmental

- Operating Temp: 40° F/5° C to 105° F/41° C
- Storage Temp: -40° F/-40° C to 140° F/60° C
- Operating Humidity: 10% to 90% non-condensing R.H.
- Storage Humidity: 5% to 95% non-condensing R.H.

Agency Approvals

TUV-R NRTL, TUV-R CB, NOM, KCC, CE, FCC Class-B

Physical Characteristics

	GC420d	GC420t
Width:	7.9"/201 mm	7.9"/201 mm
Height:	6.7"/170 mm	6.8"/173 mm
Depth:	8.2"/208 mm	9.4"/239 mm
Weight:	3 lbs/1.4 kg	3.2 lbs/1.5 kg

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro—An intuitive, easy-to-use software program for creating complex label designs (option)
- ZebraDesigner—Offers basic features for simple label design
- ZebraDesigner Driver—The most powerful driver available from Zebra

Firmware

- ZPL II®—Zebra Programming Language provides sophisticated label formatting and printer control.
- EPL2™—Eltron Programming Language with Line Mode simplifies label formatting and enables format compatibility with legacy applications.

Communication and Interface Capabilities

- Centronics® parallel (36 pin) connector ports
- RS-232 Serial interface
- USB V1.1 interface, bi-directional

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

Bar Code Symbologies

- Bar Code Ratios: 2:1 (non-rotated) and 3:1
- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128A, B & C (User selectable/Auto), UCC/EAN-128, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, EAN-14, UPC-A and UPC-E with EAN 2 or 5 digit extensions, UPC-E with 2 and 5 add on, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar, and GS1 DataBar™ (formerly RSS), Postnet (5, 9, 11 & 13 digit) Japanese Postnet, Plessey (MSI-1), MSI-3, German Post Code, RSS-14 (limited, truncated, stacked).
- 2-Dimensional: PDF417 (MicroPDF-417 and MacroPDF-417), Code 49, Maxicode, Codablock, Data Matrix, QR code, and Aztec.

Options and Accessories

- Dispenser—Label peel and present with label present sensor
- KDU and KDU Plus™—Keyboard display units for stand-alone printing applications

Electrical Specifications

- Auto-ranging external power supply with C7 type connector
- Output: 20 VDC, 3.0A
- Input: 100-240 VAC, 50-60 Hz



Corporate Headquarters

+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters

+65 6858 0722
apacchannelmarketing@zebra.com

EMEA Headquarters

+44 (0)1628 556000
mseurope@zebra.com

Latin America Headquarters

+1 847 955 2283
inquiry4@zebra.com

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

*Specifications subject to change without notice.

©2012 ZIH Corp. All rights reserved. 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. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Centronics is a registered trademark of Centronics Data Computer Corporation. All other trademarks are the property of their respective owners.

P1054369 (7/12)