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”/101.6 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
- Environment:
  - 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

#### Physical Characteristics
- Width: 7.9”/201 mm
- Height: 6.7”/170 mm
- Depth: 8.2”/208 mm
- Weight: 3 lbs/1.5 kg

#### Zebralink™ Solutions
- 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

#### 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
- 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

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*Specifications subject to change without notice.
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