

Value Desktop Printers

OUTSTANDING QUALITY AT A PRICE YOU CAN AFFORD

GC420™ direct thermal or thermal transfer printers combine the quality you expect in a Zebra® desktop printer with the essential features you need to get the job done—all at a competitive price. Durable and reliable, GC420 printers deliver competitive print speeds, quick label throughput and increased storage of fonts and graphics. These printers are efficient to operate, and easy to install and maintain.



Zebra OneCare Services

Increase printer uptime, and reduce lost productivity and unbudgeted repair costs, by selecting a Zebra OneCare™ service agreement. A cost-effective means of planning and budgeting for your annual maintenance expenditures, your agreement ensures that trained Zebra technicians will bring your printer back to factory specifications. Zebra offers a variety of plans to fit your budget and business needs.

Global Support

Backed by Zebra's global presence and industry reputation, you always receive top service, integration and lifecycle support. Wherever your operations are located, Zebra and our partners are there to provide local assistance.

Genuine Zebra Supplies

Ensure consistent print quality, reduce downtime and increase productivity in your printing process with Genuine Zebra™ supplies. We manufacture each supplies product with the exact same materials every time so you always get crisp, readable and scannable output without needing to adjust the printer darkness setting between rolls.

ZebraLink Software Suite

The ZebraLink suite of software and tools makes it simple to design, manage and adapt a barcode printing application tailored to meet your unique business needs.

Basic Features Plus Great Value

Quality Construction

Built with the same quality as Zebra's advanced and performance desktop printers, Zebra's GC420 features a durable, dual-wall construction and high-impact case. This design enables the printer to endure wear and tear, reduces printer downtime and expands areas of use.

Excellent Value

As Zebra's most affordable 4-inch desktop printer, the GC420 is competitively priced to meet the needs of low- to medium-volume printing applications. ENERGY STAR® qualified, it saves you money throughout its lifecycle.

Space-saving Design

Featuring a clamshell design and small footprint, GC420 printers fit in nearly any space-constrained environment.

Fast Label Production

The GC420 features a powerful 32-bit processor for fast label throughput, and 8MB Flash memory for increased storage of fonts and graphics. It also has a print speed of 4 inches per second.

Flexible Media Support and Handling

Able to accommodate a wide range of media, the GC420 doesn't require media spindles. It can easily accept all standard core sizes—including 1" (25.4 mm) or 1.5" (38 mm). Designed with a 1:1 media roll to ribbon ratio, supply changes happen in tandem to maximize printer uptime. The GC420 can support externally fed or roll-based media for applications requiring high-volume or specialty media. And, it's available with a peeler / dispenser option.

Easy and Intuitive to Use

Simple to operate, the GC420 includes both EPL2™ and powerful ZPL II® programming languages making it easy to integrate with other Zebra printers. It is available with triple connectivity—USB, Parallel and Serial—to support a variety of applications. Change media quickly and easily thanks to the space-saving clamshell design and the fact that media doesn't need to be threaded.



For more information about the GC420 Desktop Printers, visit www.zebra.com/gc420 or access our global contact directory at www.zebra.com/contact

Specifications

STANDARD FEATURES

- 32 bit RISC processor
- Programming languages: EZPL (ZPL®, ZPL II, and EPL2)
- Triple connectivity: USB V1.1, Centronics® Parallel and RS-232 Serial
- Printing of barcodes, text and graphics.
- OpenACCESS™ for easy media and ribbon loading
- Microsoft® Windows® drivers
- ENERGY STAR qualified

PRINTER SPECIFICATIONS

Resolution	203 dpi/8 dots per mm
Memory	8 MB Flash, 8 MB SDRAM (standard)
Maximum Print Width	4.09"/104 mm
Maximum Print Speed	4"/102 mm per second maximum
Media Sensors	Fixed reflective and transmissive sensors
Maximum Print Length	39"/991 mm

MEDIA CHARACTERISTICS

Media Width	1.00"/25.4 mm to 4.25"/108 mm
Maximum Media Roll Size	5"/127 mm O.D. on a 1.00"/25.4 mm, 1.5"/38 mm I.D. core
Thickness	0.003"/0.075 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 (Thermal-transfer option only)

Standard Length	244/74 M
Width	1.33"/33.8 mm to 4.3"/110 mm
Core I.D.	0.5"/12.7 mm

OPERATING CHARACTERISTICS

Environmental	Operating Temperature: 40°F to 105°F/5°C to 41°C Operating Humidity: 10% to 90% non-condensing Storage/Transportation Temperature: -40°F to 140°F/ -40°C to 60°C Storage Humidity: 5% to 95% non-condensing
Electrical	Auto-ranging external power supply with C6 type connector Output: 20 VDC, 3.0A Input: 100-240 VAC, 50-60 Hz ENERGY STAR qualified printer
Agency Approvals	Emissions: FCC Part 15, Subpart B (Class B), ICES 003, VCCI, C-Tick, CQC, EAC, KCC, BSMI, ICES-003 Emissions and Susceptibility: EN55022 (Class B), EN55024, EN61000-3-2, EN61000-3-3 Safety: CB Scheme IEC 60950-1, TUV NRTL, C-Tick, CCC, NOM, EAC, KCC, BSMI, BIS, INMETRO

PHYSICAL CHARACTERISTICS

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

COMMUNICATION AND INTERFACE CAPABILITIES

Centronics Parallel
RS-232 Serial interface, DB9
USB V1.1 interface, bi-directional

SOFTWARE TOOLS

ZebraLink Solutions

Zebra Setup Utilities — A Windows application to quickly set up and configure your Zebra printer.

ZebraDesigner™ — Simple Windows WYSIWYG label design application with basic features.

ZebraDesigner Pro — Simple Windows WYSIWYG label design application offering more advanced features for more complex label designs (option).

ZBI-Developer™ — Programming utility makes it dramatically easier for programmers to create and test complex ZBI 2.0™ programs and distribute them to the printer (standard with ZBI 2.0).

ZebraNet™ Bridge Enterprise — Centrally manage Zebra printers from a single PC screen anywhere on your global network (optional).

ZebraNet Utilities v7.0 — Provides enhanced printing, conversion and administration capabilities; message management; and more.

Zebra Enterprise Connector — Print labels directly from Oracle's BI Publisher with the Enterprise Connector and Zebra printers.

ZebraDesigner Windows Driver — Zebra's powerful Microsoft certified Windows driver.

POS Driver

FIRMWARE

ZBI 2.0 — Optional powerful programming language that lets printers run stand-alone applications, connect to peripherals, and much more.

ZPL and ZPL II — Zebra Programming Language provides sophisticated label formatting and printer control and is compatible with all Zebra printers.

EPL and EPL2 — Eltron® Programming Language with Line Mode simplifies label formatting and enables format compatibility with legacy applications. (EPL with Line Mode available on direct thermal models only.)

BARCODE SYMBOLOGIES

Barcode Ratios: 2:1 (non-rotated) and 3:1

Linear Barcodes: Code 11, Code 39, Code 93, Code 128A, B and 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 and 13 digit) Japanese Postnet, Plessey (MSI-1), MSI-3, German Post Code, RSS-14 (limited, truncated, stacked)

2D Barcodes: PDF417 (MicroPDF-417 and MacroPDF-417), Code 49, Maxicode, Codablock, Data Matrix, QR code, and Aztec

FONTS AND GRAPHICS

16 resident expandable ZPL fonts

One resident scalable ZPL font

5 resident expandable EPL2 fonts

Supports user-defined fonts and graphics — including custom logos

6 MB user available non-volatile memory storage for downloadable objects

2 MB user-available SDRAM

OPTIONS AND ACCESSORIES

Dispenser — Label peel and present with label present sensor

ZKDU™ keyboard display units for stand-alone printing applications

ZebraNet 10/100 Print Server — External Ethernet for network communication and printing

For optimum print quality and printer performance, use Genuine Zebra supplies. Specifications subject to change without notice.

Ideal for These Applications

Transportation and Logistics

- Boarding tickets
- Bag tags
- Parking passes

Retail

- Price labeling
- Receipt printing

Manufacturing

- Light-industrial work-in-process
- Product and shipping labeling

Healthcare

- Medical records labeling

Government

- Asset management
- Documents management
- Evidence tracking



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