



ZEBRA

GK420E Advanced Desktop Printers

**QUALITY, RELIABLE PRINTING AT LIGHTNING SPEED,
WITH ADVANCED FEATURES FOR E-COMMERCE FULFILLMENT - AT GREAT VALUE**

The latest member of our best-selling desktop printer range, the GK420E offers better performance and more memory, while retaining the same amazing value, advanced features, and quality that is synonymous with all Zebra printers. Powered by a direct thermal engine, it is the perfect mid-volume printing solution for e-commerce applications and large-scale projects.



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.

Zebra Certified Supplies

Ensure consistent print quality, reduce downtime and increase productivity in your printing process with Zebra Certified 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.

Advanced Features You Need — In a Dependable, Compact Printer

Powered by a direct thermal printing engine, the GK420E combines an intuitive user interface and advanced features in a compact package. Some highlights include network manageability and easy-load design to help you improve operational efficiencies, boost profitability and reduce downtime.

Feel the difference as you fulfil time-critical tasks with ease, for E-Commerce applications and large-scale projects.

Faster and More Powerful

With 8MB of onboard flash memory, this model has double the amount of memory than existing GK420 Series printers, allowing it to handle more complex print jobs, at a higher print speed of 6-inches-per-second.

Flexible and Easy to Use

Zebra's GK420E advanced desktop printer is flexible, making it a top choice for a variety of mid-volume and distributed-printing applications like E-Commerce. Whether you're printing shipping and identification labels, coupons or receipts, this printer makes it easy.

Fast print speeds help you get the job done quicker. Loading media is a snap with the OpenACCESS™ clamshell design. Avoid wasted time and media with the standard auto-calibration feature.

Connectivity + Quality

Offering four connectivity interfaces, including Ethernet—along with standard EPL™ and ZPL® programming languages—the GK420E printer is quick and easy to integrate. Consistently producing quality text, barcodes and graphics, they ensure your print output is always professional-looking and barcodes are reliably scannable.

ENERGY STAR® qualified, the GK420E helps protect your budget and reduces your total cost of ownership.



For more information about the GK420E Advanced Desktop Printer, visit
www.zebra.com/gk420e or access our global contact directory at
www.zebra.com/contact

GK420E Specifications

STANDARD FEATURES

- Direct thermal printing
- Construction: Dual-wall frame
- Tool-less printhead and platen replacement; OpenACCESS for easy media loading and auto-calibration of media
- Quad connectivity: USB, Parallel, Serial, Ethernet
- Certified Microsoft® Windows® drivers

PRINTER SPECIFICATIONS

Resolution	203 dpi/8 dots per mm
Memory	Standard: 8 MB Flash; 8 MB SDRAM
Maximum Print Width	4.09"/104 mm
Maximum Print Speed	6"/152mm per second
Media Sensors	Standard: Fixed reflective and transmissive sensors
Maximum Print Length	39"/991 mm

MEDIA CHARACTERISTICS

Media Width	0.75"/19 mm - 4.25"/108 mm
Maximum Media Roll Size	5"/127 mm O.D.
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

OPERATING CHARACTERISTICS

Environmental	Operating Temperature: 40°F to 105°F/4.4°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 C14 type connector Output: 24 VDC, 2.5A Input: 100-240 VAC, 50-60 Hz ENERGY STAR qualified
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

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.)

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

BARCODE SYBLOGIES

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

Linear Barcodes: Codabar, Code 11 (ZPL), Code 128, Code 39, Code 93, Code 93, EAN-13, EAN-8, EAN-14 (ZPL), German Post Code (EPL), Industrial 2-of-5 (ZPL), Interleaved 2-of-5, Japanese Postnet (EPL), ISBT-128 (ZPL), Logmars (ZPL), MSI, Plessey, Postnet, GS1 Databar (RSS-14), Standard 2-of-5 (ZPL), UCC/EAN-128 (EPL), UPC and EAN 2 or 5 digit extensions (ZPL), UPC-A, UPC-A and UPC-E with EAN 2 or 5 digit extensions, UPC-E, and GS1 Databar (formerly RSS)

2D Barcodes: Codablock (ZPL), Code 49 (ZPL), Data Matrix, MaxiCode, QR Code, PDF417, MicroPDF417, Aztec (For EPL and ZPL except where noted)

PHYSICAL CHARACTERISTICS

GK420E	
Length	8.25"/210 mm
Width	6.75"/171 mm
Height	6.0"/152 mm
Weight	3 lbs./1.4 kg

COMMUNICATION AND INTERFACE CAPABILITIES

RS-232 auto-sensing Serial interface, DB-9

USB V1.1, bi-directional Centronics® Parallel

Fast Ethernet (10/100Mbps)

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.

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.

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

POS Driver

Web View

Connect and control Zebra barcode printers using ZPL II via the printer's web interface using common web browsers.

Alert

Printers equipped with ZebraNet print servers will notify you via any email-enabled, wired, or wireless device to minimize downtime.

FONTS AND GRAPHICS

16 resident expandable ZPL fonts

One resident scalable ZPL font

Five resident expandable EPL2 fonts

Supports user-defined fonts and graphics — including custom logos Native

open type font support

Unicode™ compliant for multi-language, on-demand thermal printing ZPL II

drawing commands — for boxes and lines

OPTIONS AND ACCESSORIES

Dispenser — Label peel and present with label present sensor ZebraNet®
10/100 Print Server — Internal or external Ethernet for network communication and printing

Font Packs — Asian and other international font kits

ZKDU™ keyboard display units for stand-alone printing applications

Ideal for These Applications

E-Commerce

- Shipping labels
- Coupon and receipt printing
- Inventory and product labeling



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