Info-Kod d.o.o., PE: Cesta v Gorice 34a
Ljubljana 1000, Slovenija
T: +386 1 256 24 99 F: +386 1 256 24 98
E: info@info-kod.si   www.info-kod.si

Za tehnično podporo ali pomoč pokličite
090-6009

Zebra ZD500
brošura

Več informacij: http://www.info-kod.si

Performance Desktop Printers

DELIVERING BEST-IN-CLASS QUALITY, FEATURES AND PRINT SPEEDS TO KEEP YOUR OPERATIONS MOVING FORWARD

Quality counts. Zebra's performance desktop printers deliver it. From flexibility to features, Zebra's GX420™, GX430™ and ZD500™ have you covered. Each offers a variety of connectivity options, and easy upgrades and integration with ZPL® and EPL™ (GX models only) programming languages. ENERGY STAR® qualified, these printers help you increase efficiency and profitability, and reduce your total cost of ownership.

Supporting a wide range of applications, there's a printer for almost every environment. Whatever your needs—from flexibility to innovative label capabilities to time savings and reduced operator training—these printers deliver.

GX420T

GX430T

ZD500

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.

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.

Quality Engineering for Extended Use
Featuring dual-wall frame construction, Zebra's performance desktop printers are engineered to perform for years. And, their compact size and clamshell design allow them to fit in even the most space-constrained environments.

GX420
Compact and available with direct thermal or thermal transfer, the GX420 combines an intuitive design and optional LCD user interface that make it easy to operate. Versatile connectivity options give you added flexibility.

GX430
Ideal for small-label printing of text and graphics, Zebra's high-resolution GX430 thermal transfer printer delivers outstanding quality and fast print speeds.

ZD500
Our most innovative desktop printer, the ZD500 features Zebra's Link-OS® environment—a cutting-edge operating system combining a powerful Multiplatform Software Development Kit and software applications—making it easy to integrate, manage and maintain from any location around the globe. Equipped with a ten-button menu and LCD display, it's designed to be simple to set up and intuitive to operate. Offering high-resolution print quality and quadruple connectivity options, the ZD500 is compact and feature-packed for top performance. And, it is available with optional UHF RFID capabilities.

Feature Packed to Meet Your Printing Needs
Whether you are looking for thermal transfer or direct thermal models, these printers are loaded with features to reduce operator error and increase productivity. OpenACCESS™ enables quick and easy media loading, and tool-less printhead and platen replacement makes maintenance simple. Wi-Fi Certified® communications and certified Microsoft® Windows® drivers provide easy integration and setup. And, fast print speeds help your team get the job done even quicker.

More Options to Make the Job Easier
Extended media handling options such as peel and present, precision cutter for labels, receipts and tags, and linerless labels give you the flexibility to customize each printer to meet your specific needs.

Broad Connectivity to Match Your Network
Advanced connectivity options including Serial, Parallel, USB, Ethernet and wireless 802.11 or Bluetooth® allow operation on nearly any network.

WiFi™   Link-OS®   ENERGY STAR

Compare the Features of the GX420, GX430 and ZD500

	GX420	GX430	ZD500
Print Resolution	203 dpi	300 dpi	203 / 300 dpi
Maximum Print Width	4"	4"	4"
Maximum Print Speed	6 inches per second	4 inches per second	6 inches per second (203 dpi) 4 inches per second (300 dpi)
Connectivity	USB v1.1, Serial, Parallel (Standard) Ethernet or 802.11b/g or Bluetooth® 2.0 (Optional, replaces Parallel port)	USB v1.1, Serial, Parallel (Standard) Ethernet or 802.11b/g or Bluetooth 2.0 (Optional, replaces Parallel port)	USB v.2.0, Serial, Parallel and Ethernet (Standard) Dual radio 802.11a/b/g/n and Bluetooth 3.0 (Optional)
User Interface	LCD user interface (Optional)	LCD user interface (Optional)	LCD user interface (Standard)
Management and Support	ZebraLink™	ZebraLink	Link-OS-enabled for remote management
Media Handling Options	Cutter Dispenser — label peel and present with label present sensor	Cutter Dispenser — label peel and present with label present sensor	Cutter Dispenser — label peel and present with label present sensor
Sensors	Fixed transmissive and reflective sensors (Standard) Multi-position transmissive and full width reflective sensor (Optional)	Fixed transmissive and reflective sensors (Standard) Multi-position transmissive and full width reflective sensor (Optional)	Multi-position transmissive and adjustable reflective sensors (Standard)

The Link-OS Environment

To meet emerging business needs and growing demands for devices that are intelligent and connected to the Cloud, Zebra created a new software platform to support its devices: Zebra's Link-OS environment. This innovative solution makes Zebra's Link-OS-enabled printers even easier to integrate, manage and maintain than ever before.

Highly flexible, the Link-OS environment allows new and creative ways for users to develop applications that interact with these printers from mobile devices located anywhere in the world. Users can perform updates, gather data and make smarter business choices from analytic-driven insights.

ZD500 Link-OS Environment Features

Link-OS App	Benefit
Virtual Devices	Support well-known legacy and competitor printer languages for a future-proofed investment
Print Touch	Award-winning, web page launching features using Near Field Communication (NFC) make it easy to access Zebra's extensive knowledge base of how-to videos and product support
Cloud Connect	Interact securely and directly with the Cloud for printing and device management
Profile Manager	Edit and manage one printer, batches of printers or all Link-OS printers across your network anywhere in the world

Performance Desktop Printers Specifications

STANDARD FEATURES

- ZPL programming language
- EPL programming language (GX models only)
- Dual-wall frame construction
- Tool-less printhead and platen replacement
- OpenACCESS™ for easy media loading
- Quick and easy ribbon loading
- Simplified calibration of media
- Certified Microsoft® Windows® drivers
- Wi-Fi® certified communications
- ENERGY STAR® qualified

PRINTER SPECIFICATIONS

Resolution	203 dpi/8 dots per mm
	300 dpi/12 dots per mm (standard on GX430t, optional on ZD500)
Memory	**GX Models**
	Standard: 4 MB Flash; 8 MB SDRAM
	Optional: 64 MB (68 MB total) Flash with real-time clock
	ZD500
	Standard: 256 MB Flash; 128 MB SDRAM
	Real-time clock
Maximum Print Width	4.09"/104 mm
Maximum Print Speed	6"/152 mm per second (203 dpi)
	4"/102 mm per second (300 dpi)
Media Sensors	**GX Models**
	Standard: Fixed transmissive and reflective sensors
	Optional: Multi-position transmissive and full-width reflective sensor
	ZD500
	Multi-position transmissive and adjustable reflective sensors
Maximum Print Length	39"/991 mm

MEDIA CHARACTERISTICS

Media Width	0.75"/19 mm — 4.25"/108 mm
Media Roll Size	Maximum outside diameter: 5"/127 mm
	Core inner diameter: 0.5"/12.7 mm, 1.0"/25 mm, 1.375"/35 mm, 1.5"/37.1 mm, 3"/76 mm
Media Thickness	GX Models: 0.003"/0.08 mm to 0.0075"/0.19 mm
	ZD500: 0.003"/0.08 mm to 0.012"/0.305 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

RIBBON CHARACTERISTICS (Thermal-transfer option only)

Standard Length	244'/74 M
Width	1.33"/33.8 mm to 4.3"/109.2 mm
Core I.D.	0.5"/12.7 mm

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, 3.125A
	Input: 100-240 VAC, 50-60 Hz
	ENERGY STAR qualified
Agency Approvals	**GX Models**
	Emissions: FCC Part 15, Subpart B (Class B), ICES 003, VCCI, RCM, CQC, EAC, KCC, BSMI
	Emissions and Susceptibility: EN50032 (Class B), EN55024, EN61000-3-2 add EN61000-3-3
	Safety: CB Scheme IEC 60950-1, TUV NRTL, RCM, CCC, NOM, EAC, KCC, BSMI, BIS, INMETRO
	ZD500
	Emissions: FCC Part 15, Subpart B (Class B), ICES 003, VCCI, RCM, CQC, EAC, KCC, BSMI
	Emissions and Susceptibility: EN50032 (Class B), EN55024, EN61000-3-2, EN61000-3-3
	Safety: CB Scheme IEC 60950-1, TUV NRTL, RCM, CCC, NOM, EAC, KCC, BSMI, BIS, INMETRO

PHYSICAL CHARACTERISTICS

	Direct Thermal	Thermal Transfer
Length	8.25"/210 mm	10.0"/254 mm
Width	6.75"/171 mm	7.6"/193 mm
Height	6.0"/152 mm	7.5"/191 mm
Weight	3 lbs/1.4 kg	4.6 lbs/2.1 kg

COMMUNICATION AND INTERFACE CAPABILITIES

GX Models

- RS-232 auto-sensing Serial interface, DB-9
- USB V1.1, bi-directional
- Centronics Parallel
- Ethernet — 10/100 internal (optional) offered in combination with USB and Serial interface (replaces Parallel port)
- Wireless — 802.11b/g or Bluetooth 2.0 (optional) with LCD display offered in combination with USB and Serial interfaces (replaces Parallel port)

ZD500

- RS-232 auto-sensing Serial interface, DB-9
- USB V2.0, bi-directional
- Centronics® Parallel
- Ethernet — 10/100 internal
- Wireless — Dual radio 802.11a/b/g/n and Bluetooth 3.0 (optional)

Ideal for These Applications

Retail

- Inventory and price labeling
- Receipt printing
- Item tagging

Transportation and Logistics

- Shipping and receiving labeling

Healthcare

- Patient identification
- Blood bag and specimen labeling
- Breast milk labeling

Light Manufacturing

- Light industrial work-in-process
- Asset tracking

Postal Counter Automation

- Receipt and label printing

High-resolution Label Printing

Performance Desktop Printers Specifications

SOFTWARE TOOLS

Link-OS Solutions (ZD500 Model only)

Document Design — Quickly design a customized print solution using your business data and Zebra's intuitive, plug-and-print design tools.

Device Integration — Zebra offers apps and products designed to help you integrate Zebra devices into your existing systems.

Device Management — Manage your print operations locally and globally with Zebra's suite of device management tools.

Developer Tools — Provides you the tools you need to create your own apps, including documentation, source code, programming languages, templates and more.

ZebraLink Solutions (GX Models only)

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.

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

GX and ZD500 Models:

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.

FIRMWARE

ZBI 2.0™ — 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. EPL not available on the ZD500.)

BARCODE SYMBOLOGIES

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

Linear Barcodes: Codabar, Code 11 (ZPL), Code 128, Code 39, 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. EPL Barcodes are available on GX Models only

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

FONTS AND GRAPHICS

16 resident expandable ZPL II bitmap fonts

Two resident scalable ZPL fonts

Five resident expandable EPL2 fonts (GX models only)

Native open-type font support

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

Supports user-defined fonts and graphics — including custom logos

ZPL II drawing commands — for boxes and lines

1.5 MB user available non-volatile memory storage for downloadable objects, 3 MB user-available SDRAM (GX models only)

56 MB user available Flash memory, 4 MB user available SDRAM (ZD500 model only)

OPTIONS AND ACCESSORIES

Dispenser — label peel and present with label present sensor

UHF RFID capabilities help keep your critical operations running efficiently (optional, ZD500)

Adjustable media sensor (GX models)

Cutter for various media types

300 dpi print resolution printing for fine detail and crisp images (ZD500)

64 MB Flash memory with real-time clock (for total of 68 MB) (GX models)

Font Packs — Asian and other international font kits

ZKDU™ keyboard display units for stand-alone printing applications

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