ZEBRA

ZD620 4-Inch Performance Desktop Thermal Transfer Printer

MAXIMUM PRINT QUALITY, EFFICIENCY AND MANAGEABILITY

When print quality, productivity, application flexibility and management simplicity matter, the Zebra ZD620 delivers. As the next generation in Zebra's thermal transfer desktop line, the ZD620 replaces Zebra's popular GX Series and ZD500 printers, rising above conventional desktop printers with premium print quality and state of the art features. Offering the most standard features of any Zebra desktop printer, the ZD620 is designed to meet a wide variety of application requirements. An optional 10-button user interface with a color LCD takes all the guesswork out of printer setup and status. The ZD620 runs Link-OS® and is supported by our powerful Print DNA suite of applications, utilities and developer tools that deliver a superior printing experience through better performance, simplified remote manageability and easier integration. The Zebra ZD620 — delivering the print speed, print quality and printer manageability you need to keep your operations moving forward.

PREMIER PRINTING PERFORMANCE

Best-in-class print speeds
The ZD620 delivers best-in-class print speeds — 8ips @ 203 dpi and 6ips @ 300 dpi — for maximum printer throughput and productivity.

EASY TO USE — PRACTICALLY NO TRAINING REQUIRED

New at-a-glance five LED status icons take the guesswork out of printer status
The standard three-button user interface with five LED status icons replaces the typical single button/single light interface common in desktop printers. Users can instantly see what's needed to keep printers up and running, from replenishing media to resolving printer issues.

Configuration is a snap with the optional color LCD and 10-button user interface
It's easy to set up and configure the ZD620 with the optional 10-button user interface and color LCD. The display changes color when the printer is paused or in an error state, so users can instantly identify and resolve an issue before productivity is impacted.

DEPLOYMENT AND APPLICATION FLEXIBILITY

Backwards compatibility with virtually any existing printer
With the ZD620, whether you are currently using a Zebra or competitive printer, you'll be able to use the same label formats and applications you're using today. The ZD620 supports both EPL and ZPL printer languages. And with on printer Virtual Devices, part of Zebra's Print DNA suite of tools and utilities, the ZD620 can use languages normally associated with other printer brands.

Comprehensive connectivity options
With comprehensive connection options, you can connect the ZD620 to your existing wired and wireless networks, or directly to any PC. Every ZD620 comes with Ethernet, Serial, USB 2.0 and USB Host, as well as Bluetooth Low Energy (BLE), which enables printing from any iOS device. Wireless models include fast 802.11ac Wi-Fi and Bluetooth 4.1. And using the included Print Touch tag (NFC), users can simply tap a compatible mobile device on the ZD620 to pair and print — as well as instantly access Zebra's extensive knowledge base of how-to videos.

Movable sensor for comprehensive media compatibility
While Zebra Certified Printer Supplies provide optimal printer performance, the ZD620's movable media sensor lets you use virtually any media from any manufacturer, giving you the flexibility to utilize supplies you may have on hand or continue to utilize an existing supplies provider.

EASY TO MANAGE

Easily manage all your printers — all from a single location
The ZD620 supports Zebra Link-OS, a one-of-a-kind enterprise printer operating system that makes it easier than ever to manage and troubleshoot your networked printers from one remote location. With optional Printer Profile Manager Enterprise, you can manage one printer, a group of specific printers or all printers anywhere in the world. Instantly discover every Link-OS printer on your network, including the ZD620 and other Zebra mobile, desktop and industrial printers — there's no need to walk through the facility to locate, configure or troubleshoot printers. And an intuitive browser-based interface lets you see printer status at a glance, complete with information that allows you to quickly triage printer issues to minimize downtime.

Seamless integration with your device management system
With our MDM Connectors, you can easily integrate networked ZD620 printers into your AirWatch or SOTI MobiControl device management system.

Easily configure non-networked printers
The USB Host port makes it easy to connect to all your external devices, including keyboards and scanners, and can also be utilized to upgrade printer firmware automatically and set up new printer configurations.

Maximize uptime with Zebra Visibility Services
If you're still tracking your printers manually, then you are likely missing out on information that could save you money. With Zebra, you can choose powerful visibility service options that deliver critical insight into the information you need to prevent printer downtime. Our Asset Visibility Service (AVS) provides the basic health information and proactive steps required to keep your ZD620 printers up and running — all for just pennies a day. The full-featured Operational Visibility Service (OVS) allows you to monitor just about any aspect of your Zebra printer, as well service and repair status. See the current status and disposition of all of your printers, printers at a specific site, specific printer models or a specific printer — and much more.

INNOVATIVE FEATURES FOR THE LOWEST TCO

Zebra Print DNA – transforming printers from the inside
Print DNA is the genetic code that injects business-catalytic capabilities into our Link-OS printers through a unique combination of innovative applications, utilities and developer tools. The result is a superior printing experience through better performance, simplified remote manageability and easier integration.

Lower your costs with a high capacity ribbon
Intelligent dual-ribbon handling allows the ZD620 to accept either 74 m/244 ft. or high capacity 300 m/ 984 ft. ribbons. The 300 m ribbon reduces ribbon changes by 75 percent for fewer workflow disruptions. And since the high capacity ribbon costs less per meter than the standard ribbon, you'll also save on the cost of supplies.

A new level of print quality for desktop printing
The ZD620 brings Zebra's advanced industrial printer technology to the compact desktop printer. Previously available only on industrial printers, the ZD620's Media dancer maintains even tension on the media roll to ensure maximum quality on every label regardless of print speed.

Sharp 300 dpi printing
With 300 dpi printing, you can support more applications. The high image quality enables printing of small 2D labels or labels that require graphics, such as a logo or icon. And if you don't need 300 dpi printing today, you can easily add it at any time, right on site.

Tidier and safer installations
When you choose the optional power supply accessory, the power supply and all but one power cord are hidden from view, improving aesthetics as well as worker and customer safety.

Consistently exceptional Zebra Certified Supplies
Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pretest our own line of thermal printing supplies to ensure consistent, optimized performance in your Zebra printer —and peace of mind for you. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

Maximize the Availability of Your Printers with Zebra OneCare™ Services
Zebra OneCare Support Services enable your critical business operations. With multiple service levels to choose from, you can protect your investment while achieving maximum uptime and peak performance. Get unmatched support — direct from the manufacturer — with live agent telephone technical support, comprehensive coverage including accidental damage, and defined repair & turn-around times. Plus optional services like Device Commissioning, Onsite Repair, Battery Refresh & Replacement Services and Express Shipping let you tailor your service plan to your individual business needs.

THE ZD620 — MAXIMUM EFFICIENCY, PRINT QUALITY AND PRINTER MANAGEMENT.

**FOR MORE INFORMATION, VISIT WWW.ZEBRA.COM/ZD620 OR
OUR GLOBAL CONTACT DIRECTORY AT WWW.ZEBRA.COM/CONTACT**

ZD620 Specifications

STANDARD FEATURES

Thermal Transfer print method
ZPL and EPL programming languages
5 status icon, 3 button user interface
USB 2.0, USB Host, Serial, Ethernet, BTLE
Media dancer
OpenACCESS™ for easy media loading
Dual-wall frame construction
ENERGY STAR qualified
Real Time Clock

PHYSICAL CHARACTERISTICS

Dimensions	10.5 in. L x 8.0 in. W x 7.5 in. H 267 mm L x 202 mm W x 192 mm H
Weight	5.5 lb./2.5 kg

PRINTER SPECIFICATIONS

Operating System	Link-OS®
Resolution	203 dpi/8 dots per mm Optional 300 dpi/12 dots per mm Resolution can be factory installed or changed on site via accessory kits. Resolution can be changed from 300 dpi to 203 dpi, as well as from 203 dpi to 300 dpi
Memory	512 MB Flash; 256 MB SDRAM
Maximum Print Width	4.09 in./104 mm for 203 dpi 4.27 in./108 mm for 300 dpi
Maximum Print Speed	8 in./203 mm per second (203 dpi) 6 in./152 mm per second (300 dpi)
Media Sensors	Full width, moveable reflective/black mark sensor; multi-position transmissive/gap sensor
Firmware	ZPL II; EPL 2; XML; ZBI

MEDIA AND RIBBON CHARACTERISTICS

Maximum Label Length	39.0 in./991 mm
Media Width	0.585 in./15 mm to 4.65 in./118 mm
Media Roll Size	Maximum outer diameter: 5.00 in./127 mm Core inner diameter: 0.5 in. (12.7 mm) and 1.0 in. (25.4 mm) standard, 1.5 in. (38.1), 2.0 in. (50.8 mm) and 3.0 in. (76.2 mm) using optional adapters
Media Thickness	0.003 in. (0.08 mm) min.; 0.0075 in. (0.1905 mm) max. (tear-off mode only)
Media Types	Roll-fed or fan-fold, die cut or continuous with or without black mark, tag stock, continuous receipt paper, and wristbands
Ribbon Outside Diameter	2.6 in./66 mm (300 m); 1.34 in./34 mm (74 m)
Ribbon Standard Length	984 ft. (300 m); 244 ft. (74 m)
Ribbon Ratio	• 1:4 media to ribbon (300 m) • 1:1 media to ribbon (74 m)
Ribbon Width	1.33 in./33.8 mm – 4.3 in./109.2 mm
Ribbon Core I.D.	• 300 meter ribbon 1 in./25.4 mm • 74 meter ribbon 0.5 in./12.7 mm

OPERATING CHARACTERISTICS

Operating Temp.	40° to 105° F/4.4° to 41° C
Storage Temp.	-40° to 140° F/-40° to 60° C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Electrical	Auto-detectable (PFC Compliant) 100-240VAC, 50-60Hz; ENERGY STAR qualified

OPTIONS AND ACCESSORIES

Media Handling	Factory installed dispenser - label peel and present with label present sensor; Factory installed cutter Field installable aftermarket kits also available
Communications	Factory installed RS-232 auto-sensing Serial, DB-9; factory installed Ethernet — 10/100 internal; factory installed wireless radio: 802.11ac Wi-Fi and Bluetooth 4.1
User Interface	Color LCD (320 x 240 resolution) with 5 status icons, 10 button user interface
Keyboard Display Unit	ZKDU keyboard display units for stand-alone printing solutions
Mounting Plate	Optional accessory to secure ZD Series printers to countertops or shelves.

FONTS/GRAPHICS/SYMBOLOGIES

Barcode Ratios	2:1 and 3:1
1D Barcodes	Code 11, Code 39, Code 93, Code 128, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2-or 5-digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar and Planet Code
2D Barcodes	Codablock, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, MicroPDF, Aztec
Fonts and Graphics	16 resident expandable ZPL II bitmap fonts Two resident scalable ZPL fonts Five resident expandable EPL2 fonts Native open-type font support Unicode compliant for multi-language, on demand thermal printing China units include SimSun simplified Chinese font 64 MB user available non-volatile memory, 8 MB user available SDRAM

PRINTER SUPPLIES

For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies to ensure consistent, optimized performance for your Zebra printer.

REGULATORY

- IEC 60950-1, EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Class B, ICES-003, FCC 15.209; 15.247(d), IC RSS 247, EN 300 328, EN 301 893, EN 62311, cTUVus
- CE Marking, VCCI, C-Tick, S-Mark, CCC, CU, BSMI, KCC, SABS, IN-Metro, BIS, NOM

The ZD620 is ideal in:

Retail
- Return tags
- Asset labels
- Shelf labels
- Price markdowns
- Information labels
- Prescriptions

Healthcare
- Prescriptions
- Lab and specimen labels
- Patient ID wristbands
- Asset labels
- Blood and IV bag labels
- Patient record labels

Manufacturing
- Shipping labels
- Receiving labels
- Agency labels
- Packing list
- Inventory
- Asset tags

ZD620 Specifications (continued)

PRINT DNA SOFTWARE SOLUTIONS

The ZD620 is supported by our powerful Print DNA suite of applications, utilities and developer tools that give our printers better performance, simplified remote manageability, and easier integration.

Productivity Tools

- Enterprise Printing Solutions
- Print Station
- Pairing Solutions
- Virtual Devices
- PDF Direct
- Zebra Designer

Management Tools

- Bluetooth Printer Management
- Printer Setup Utility
- Print Profile Manager Enterprise

Development Tools

- Browser Print
- Network Connect
- Cloud Connect
- PrintConnect
- MultiPlatform SDK

Visibility Tools

- MDM Connectors
- Visibility Services

Print DNA features may vary by model and a Support Contract may be required. For more information, please visit:
www.zebra.com/printdna

INCLUDED IN THE BOX

Printer, empty ribbon take-up cores (1 in. and 0.5 in.), 300 m ribbon core adapters for non-Zebra ribbon (2), AC power supply, power cord(s), USB cable, Quick Start Guide, Regulatory Guide

RECOMMENDED SERVICES

ZEBRA OneCare	The Zebra OneCare Support Services portfolio of Essential and Select helps protect your critical operations and your printers with defined service levels. For more information go to www.zebra.com/zebraonecare
Zebra OneCare Select	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 24x7 live technical support and software updates Advance Replacement and Express Shipping (Next Day Device Replacement) Commissioning Online Return Material Authorization (RMA) support
Zebra OneCare Essential	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 8x5 live technical support and software updates Three-day depot repair turnaround time plus free return ground shipping Online Return Material Authorization (RMA) support

Note: Service availability may vary by region.

ZEBRA

NA and Corporate Headquarters	Asia-Pacific Headquarters	EMEA Headquarters	Latin America Headquarters
+1 800 423 0442	+65 6858 0722	zebra.com/locations	+1 847 955 2283
inquiry4@zebra.com	contact.apac@zebra.com	contact.emea@zebra.com	la.contactme@zebra.com