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ZD620 PERFORMANCE DESKTOP PRINTERS

MAXIMUM PRINT QUALITY, EFFICIENCY AND MANAGEABILITY

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When print quality, productivity, application flexibility and management simplicity matter, the Zebra ZD620 delivers. As the next generation in Zebra's desktop printer 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. Available in both direct thermal and thermal transfer models, as well as healthcare-specific models, the ZD620 meets a wide variety of application requirements. It offers the most standard features of any Zebra desktop printer, including an optional 10-button user interface with a color LCD that 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.

[Feedback](#)

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.

Go green with linerless media

Support for linerless media eliminates waste and delivers more labels per roll for fewer roll changes, while providing excellent print quality. For optimal results and to ensure trouble-free operation, the adhesive formulation of the media must be matched to the material of the printer platen roller. Zebra offers a complete line of linerless media that is designed and tested to ensure trouble free printer operation.

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. And it is easy to configure your printers to use secure connections, block unwanted access and ensure your data and infrastructure are protected.

Lower your costs with a high capacity ribbon

Intelligent dual-ribbon handling allows the ZD620t 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.

Easy to clean and sanitize healthcare model

The ZD620 is available in a healthcare model with disinfectant-ready, UV-resistant plastics and a sealed button interface that makes it easy to clean and disinfect. It also comes with a healthcare compliant power supply and an optional locking media cabinet to block unauthorized access to high value media like blank prescription forms.

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

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.

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

- 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.

PHYSICAL CHARACTERISTICS





- Length:** 8.7 in./221 mm
- Length:** 10.5 in./267 mm
- Width:** 7.0 in./177 mm
- Width:** 8.0 in./202 mm
- Height:** 5.9 in./151 mm
- Height:** 7.5 in./192 mm
- Weight:** 3.6 lb/1.6 kg
- Weight:** 5.5 lb/2.5 kg

ZD620 Specifications

Standard Features

Print methods: Thermal Transfer or Direct Thermal
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

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

Feedback

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, wristbands, linerless media* * For use only with linerless printer model
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

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<ul style="list-style-type: none">• 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.
<ul style="list-style-type: none">• 300 meter ribbon 1 in./25.4 mm• 74 meter ribbon 0.5 in./12.7 mm

Regulatory

<ul style="list-style-type: none">• 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, INMetro, BIS, NOM

Print DNA Software Solutions

Development Tools
With faster, easier and smarter integration of Zebra printers with your devices and applications, your Zebra printing solutions are up and running in less time, with less cost.
Management Tools
Minimize IT effort and maximize IT control with Print DNA management tools — the easy way to add and manage any number of printers, anywhere — from a handful of printers to thousands of printers all around the world.
Productivity Tools
Reach new levels of productivity with innovations that streamline tasks and workflows, optimize device performance and solve tomorrow’s printing problems today.
Visibility Tools
Regardless of whether or not you have an existing Mobile Device Management solution in place, robust Visibility Tools provide unparalleled insight into printer health, usage and performance.
Print DNA features may vary by model and a Support Contract may be required. For more information, please visit: www.zebra.com/printdna

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

Feedback

Auto-detectable (PFC Compliant) 100-240VAC, 50-60Hz; ENERGY STAR qualified
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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
Media Locking Cabinet
Mechanical lock with 2 keys; Kensington® lock slot; available on ZD620d Healthcare only
Mounting Plate
Optional accessory to secure ZD Series printers to countertops or shelves.
Enclosed Power Supply
Attached power supply accessory for cord-free installation

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

Feedback

Printer Supplies

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

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

* Empty ribbon take-up cores and ribbon core adapters included with ZD620t models only

Recommended Services

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
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
Note: Service availability may vary by region.

Ideal For These Applications:

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



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