



# ZD620 4-Inch Performance Desktop Printers

## MAXIMUM PRINT QUALITY, EFFICIENCY AND MANAGEABILITY

When print quality, productivity, application flexibility and management simplicity matter, the Zebra ZD620 delivers. 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 direct thermal, thermal transfer and healthcare 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. Link-OS® and Zebra's powerful Print DNA tools deliver a superior printing experience through better performance, simplified remote manageability and easier integration. The Zebra ZD620 — the print speed, print quality and 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

Whether you are currently using a Zebra or competitive printer, can 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

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 with 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.



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

For more information, visit [www.zebra.com/zd620](http://www.zebra.com/zd620)

**Optional battery for cordless operation**

With the removable desktop battery power option, you can easily transport the ZD620 printer on a cart to enable on-the-spot printing to reduce steps, increase productivity and improve task accuracy. The battery housing mounts securely to the printer base and connecting the battery is as simple as snapping the battery into the housing. And the high-capacity battery can power it all for a full shift — the printer at maximum print speed, along with a peeler, cutter and keyboard.

**Go green with linerless media**

Optional linerless configurations eliminate waste and deliver 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.

## Easy to manage

**Easily manage all your printers — all from a single location**

With the Link-OS one-of-a-kind enterprise printer operating system, it's 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 upgrade printer firmware automatically, set up new printer configurations and connect to all your external devices, including keyboards and scanners.

**Maximize uptime with Zebra Visibility Services**

If you're tracking your printers manually, you're likely missing out on information that could save you money. Zebra's powerful visibility service options deliver critical insight into the information you need to prevent printer downtime. Asset Visibility Service (AVS) provides basic health information and proactive steps 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 printers, as well service and repair status.

## Innovative features for the lowest TCO

**Zebra Print DNA — transforming printers from the inside**

Print DNA's innovative applications, utilities and developer tools deliver 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 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**

A healthcare model is disinfectant-ready, with UV-resistant plastics and a sealed button interface that makes it easy to clean and disinfect — and comes complete with a healthcare compliant power supply. And the optional locking media cabinet blocks unauthorized access to high value media like blank prescription forms.

**Tidier and safer installations**

With 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.

**Maximize the Availability of Your Printers with Zebra OneCare™ Services**

Multiple service levels allow you to protect your investment and achieve maximum uptime and peak performance. Get unmatched direct-from-Zebra support with live agent telephone technical support, comprehensive coverage and defined repair and turn-around times. And optional services let you tailor your service plan to your individual business needs.

# ZD620 Specifications

STANDARD FEATURES		
<ul style="list-style-type: none"> <li>Print methods: Thermal Transfer or Direct Thermal</li> <li>ZPL and EPL programming languages</li> <li>5 status icon, 3 button user interface</li> <li>USB 2.0, USB Host, Serial, Ethernet, BTLE</li> <li>Media dancer</li> <li>OpenACCESS™ for easy media loading</li> <li>Dual-wall frame construction</li> <li>ENERGY STAR qualified</li> <li>Real Time Clock</li> </ul>		
PHYSICAL CHARACTERISTICS		
	ZD620d	ZD620t
Length	8.7 in./221 mm	10.5 in./ 267 mm
Width	7.0 in./177 mm	8.0 in./ 202 mm
Height	5.9 in./151 mm	7.5 in./192 mm
Weight	3.6 lb/ 1.6 kg	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	ZD620t — 0.585 in./15 mm to 4.65 in./118 mm ZD620d — 0.585 in./15 mm to 4.25 in./108 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	

MEDIA AND RIBBON CHARACTERISTICS (CONTINUED)	
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; optional 2750 mAh battery
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 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
Battery	Provides power to the printer to support a full shift of printing at maximum print speed. Supports all media handling options.
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

## 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

## FONTS/GRAPHICS/SYMBOLOLOGIES (CONTINUED)

**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. 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

## PRINT DNA

This printer 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. Print DNA features may vary by model and may require a Support Contract. For more information, please visit [www.zebra.com/printdna](http://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

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

## RECOMMENDED SERVICES

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](http://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.



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