



# ZD620 Healthcare Desktop Printers

## Maximum print quality, efficiency and manageability

Give your healthcare professionals a printer that will help provide the very best in patient care. The ZD620-HC rises above conventional desktop printers, offering premium print quality and state of the art features. The direct thermal and thermal transfer models deliver the most standard features of any Zebra desktop printer, as well as an optional color LCD and 10-button interface that simplify printer setup and status. Designed for healthcare, the ZD620-HC is ready for constant disinfecting. With its optional 300 dpi printing, the tiniest labels are crisp and legible. Link-OS® and our powerful Print DNA suite of applications, utilities and developer tools 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 boost productivity, accuracy and the quality of care.



### Easy to Use — Practically No Training Required

#### Five At-A-Glance 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

It's easy to set up and configure the ZD620-HC 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. plus up to eight times the RAM and 32 times the Flash memory of the prior generation TC8000. And the advanced memory architecture delivers 10 times the typical memory lifespan.

#### Deployment and Application Flexibility

##### Backwards Compatibility with Virtually any Existing Printer

Whether you are currently using a Zebra or competitive printer, you can still use the same label formats and applications you're using today. The ZD620-HC supports both EPL and ZPL printer languages. And with on printer Virtual Devices, a Print DNA tool, the ZD620-HC can use languages normally associated with other printer brands.

#### Comprehensive Connectivity Options

With comprehensive connection options, you can connect the ZD620-HC to your existing wired and wireless networks, or directly to any PC. Every ZD620-HC 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-HC to pair and print — as well as instantly access Zebra's extensive knowledge base of how-to videos.



**The ZD620 — Maximum efficiency, print quality and printer management.**  
For more information, visit [www.zebra.com/zd620](http://www.zebra.com/zd620)

### **Movable Sensor for Comprehensive Media Compatibility**

While Zebra Certified Printer Supplies provide optimal printer performance, the ZD620-HC's movable media sensor lets you use virtually any media from any manufacturer.

### **Easy to Sanitize with a Healthcare Compliant Power Supply**

Disinfectant-ready plastics and a sealed button interface make the ZD620-HC easy to clean and disinfect, helping prevent the spread of germs in hospitals and clinics. With UV-resistant housing, the ZD620-HC supports the growing use of UV-cleaning protocols. And the power supply is IEC 60601-1 healthcare compliant.

### **Sharp 300 dpi Printing and Best-In-Class Print Speeds**

The ZD620-HC offers 300 dpi high resolution printing — ideal for printing the tiny labels for a wide variety of items, from patient records and patient wristbands to tiny specimen vials. It also delivers best-in-class print speeds, 8ips @ 203 dpi and 6ips @ 300 dpi, for maximum productivity.

### **Optional Battery for Cordless Operation**

With the removable desktop battery power option, you can easily transport the ZD620-HC printer on a cart to enable on-the-spot printing to reduce steps, increase productivity and improve task accuracy.

## **Easy to Manage**

### **Easily Manage all Your Printers From a Single Location**

The ZD620-HC 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 — there's no need to walk through the facility to locate, configure or troubleshoot printers.

### **Seamless Integration with Your Device Management System**

With our MDM Connectors, you can integrate ZD620-HC printers into 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**

Our Asset Visibility Service (AVS) provides the basic health information and proactive steps required to keep your ZD620-HC 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.

## **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**

The ZD620t-HC either 74 m/244 ft. or high capacity 300 m/984 ft. ribbons. The 300 m ribbon reduces ribbon changes by 75 percent. And since the high capacity ribbon costs less per meter than the standard ribbon, you'll also save on the cost of supplies.

### **Safeguard Prescription Forms with Optional Locking Features**

The locking media cabinet prevents the ZD620-HC from being opened, blocking unauthorized access to high value media, such as blank prescription forms. For further security, a Kensington® lock slot enables you to attach the printer to a desk or table. Locking features are available on ZD620d-HC with LCD model only.

### **A New Level of Print Quality for Desktop Printing**

Previously available only on industrial printers, the ZD620-HC's Media dancer maintains even tension on the media roll to ensure maximum quality on every label.

### **Consistently Exceptional Zebra Certified Supplies**

We design, produce and rigorously pretest our own line of thermal printing supplies to ensure consistent, optimized performance in your Zebra printer. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

### **Backed by Zebra's Worldwide Service and Support**

Access repair support services, live-agent technical support and software support quickly anywhere around the globe through Zebra and its trusted network of more than 10,000 partners. Zebra OneCare™ provides enhanced coverage that exceeds standard warranty for normal wear and tear, priority repair turnaround times at the depot and more — all for a tiny fraction of the cost of a single repair.

# Specifications

## Standard Features

- Print methods: Thermal Transfer or Direct Thermal
- IEC 60601-1 compliant power supply and healthcare
- wipeable plastics
- 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
- ZebraDesigner Essentials – easy label design tool free at [www.zebra.com/zebradesigner](http://www.zebra.com/zebradesigner)
- Two-year standard warranty

## Physical Characteristics

<b>Dimensions</b>	<b>ZD620d-HC:</b> 8.7 in. L x 7.0 in. W x 5.9 in. H 221 mm L x 177 mm W x 151 mm H <b>ZD620t-HC:</b> 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
<b>Weight</b>	<b>ZD620d-HC:</b> 3.6 lb/ 1.6 kg <b>ZD620t-HC:</b> 5.5 lb/2.5 kg

## Printer Specifications

<b>Resolution</b>	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
<b>Memory</b>	512 MB Flash; 256 MB SDRAM
<b>Maximum Print Width</b>	4.09 in./104 mm for 203 dpi 4.27 in./108 mm for 300 dpi
<b>Maximum Print Speed</b>	8 in./203 mm per second (203 dpi) 6 in./152 mm per second (300 dpi)
<b>Media Sensors</b>	Full width, moveable reflective/black mark sensor; multi-position transmissive/gap sensor
<b>Firmware</b>	ZPL II; EPL 2; XML; ZBI

## Media Characteristics

<b>Maximum Label Length</b>	39.0 in./991 mm
<b>Media Width</b>	ZD620t - 0.585 in./15 mm to 4.65 in./118 mm ZD620d - 0.585 in./15 mm to 4.25 in./108 mm
<b>Media Roll Size</b>	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 mm), 2.0 in. (50.8 mm) and 3.0 in. (76.2 mm) using optional adapters

## Media Characteristics (continued)

<b>Media Thickness</b>	0.003 in. (0.08 mm) min.; 0.0075 in. (0.1905 mm) max. (tear-off mode only)
<b>Media Types</b>	Roll-fed or fan-fold, die cut or continuous with or without black mark, tag stock, continuous receipt paper, and wristbands
<b>Ribbon Outside Diameter</b>	2.6 in./66 mm (300 m); 1.34 in./34 mm (74 m)
<b>Ribbon Standard Length</b>	984 ft. (300 m); 244 ft. (74 m)
<b>Ribbon Ratio</b>	1:4 media to ribbon (300 m) 1:1 media to ribbon (74 m)
<b>Ribbon Width</b>	1.33 in./33.8 mm — 4.3 in./109.2 mm
<b>Ribbon Core I.D.</b>	300 meter ribbon 1 in./25.4 mm 74 meter ribbon 0.5 in./12.7 mm

## Operating Characteristics

<b>Operating Temperature</b>	40° to 105° F/4.4° to 41° C
<b>Storage Temperature</b>	-40° to 140° F/-40° to 60° C
<b>Operating Humidity</b>	10% to 90% non-condensing
<b>Storage Humidity</b>	5% to 95% non-condensing
<b>Electrical</b>	Auto-detectable (PFC Compliant) 100-240VAC, 50-60Hz; ENERGY STAR qualified; optional 2750 mAh battery

## Options and Accessories

<b>Media Handling</b>	Factory installed dispenser — label peel and present with label present sensor; Factory installed cutter Field installable aftermarket kits also available
<b>Communications</b>	Factory installed wireless radio: 802.11ac Wi-Fi and Bluetooth 4.1
<b>User Interface</b>	Color LCD (320 x 240 resolution) with 5 status icons, 10 button user interface
<b>Battery</b>	Provides power to the printer to support a full shift of printing at maximum print speed; supports all media handling options
<b>Keyboard Display Unit</b>	ZKDU keyboard display units for stand-alone printing solutions
<b>Media Locking Cabinet</b>	Mechanical lock with 2 keys; Kensington® lock slot; available on ZD620d-HC with LCD only
<b>Mounting Plate</b>	Optional accessory to secure ZD Series printers to countertops or shelves
<b>Enclosed Power Supply</b>	Attached power supply accessory for cord-free installation
<b>Carrying Case</b>	Carrying case with shoulder strap and handles makes it easy to bring your desktop printer and battery to the point of application

## Markets and Applications

### Healthcare

- Prescriptions
- Lab and specimen labels
- Patient ID wristbands
- Asset labels
- Blood and IV bag labels
- Patient record labels
- Shipping
- Returns processing
- EDI transactions
- Yard management

## PRODUCT SPEC SHEET

### ZD620-HC PERFORMANCE HEALTHCARE DESKTOP PRINTERS

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. 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-HC models only

### Recommended Services

Zebra OneCare SV

### Product Warranty

ZD620-HC printers are warranted against defects in workmanship and materials for a period of 2 (two) years from the date of shipment. For the complete warranty statement, please visit: [www.zebra.com/warranty](http://www.zebra.com/warranty).



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