ZD620 4-Inch Performance Desktop Printers

ZEBRA
CAPTURE
YOUR EDGE

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 Five LED Status Icons Take the Guesswork Out of Printer Status
The three-button user interface with five LED status icons replaces the 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.

WiFi CERTIFIED   **ENERGY STAR**   **Made for iPod iPhone iPad**

The ZD620 — Maximum efficiency, print quality and printer management.
For more information, please visit www.zebra.com/zd620.

Movable Sensor for Comprehensive Media Compatibility
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.

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. 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.

Easy to Manage

Easily Manage All Your Printers — All From a Single Location
With optional Printer Profile Manager Enterprise, you can manage one printer, a group of specific printers or all printers anywhere in the world. 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
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
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.

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.

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
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.

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
- 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
- Carrying case
- ZebraDesigner Essentials – easy label design tool free at www.zebra.com/zebradesigner
- Two-year standard warranty

Physical Characteristics

Dimension	ZD620d: 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 ZD620t: 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	ZD620d: 3.6 lb/ 1.6 kg ZD620t: 5.3 lb/2.4 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 mm), 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	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

Markets and Applications

Healthcare

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

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
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
Carrying Case	Carrying case with shoulder strap and handles makes it easy to bring your desktop printer and battery to the point of application
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

Bar Code Ratios	2:1 and 3:1
1D Bar Codes	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 Bar Codes	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

Printers 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

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 SV

Print DNA Software

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

Product Warranty

ZD620 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.