ZD100 Series Desktop Printers

Remarkable value, quality printing, simple operation

When your budget requires a basic printer, that usually means compromising on quality, functionality and performance — value printers typically use less expensive components and offer fewer features. The result is a printer with a shorter lifecycle that falls short of your performance expectations, requiring repairs and replacement more frequently, ultimately costing you more instead of less. Meet the value printers that are different — the Zebra ZD100 Series desktop printers. With these 4-inch thermal printers, there's no compromise. You get a printer built to last for years, with same quality that has made Zebra an industry leader. Easy to install and operate, this USB printer is up and running in an instant — just plug it into any USB port, plug in the power cord and you're ready to print. The ZD100 Series delivers highly legible print quality on every single label. And regardless of how many shifts you operate, you get reliable performance, every minute of every shift.



Designed for Simplicity

Start Printing in Minutes
This USB label printer is simple to install — you can start printing nearly instantly, right out of the box. And since this printer supports ZPL, EPL and non-Zebra command languages, you can easily replace the printer you're using today.

Media is Easy to Manage
The media window lets workers instantly see how much media is left and when to change the roll to prevent workflow disruptions. The OpenACCESS™ clamshell design makes it easy to access and replace media. And if you print a high volume of labels, a 300m ribbon roll means fewer changes and improved worker productivity.

Easy Everyday Operation
The ZD100 Series is so intuitive that practically no training is required. With a single button for feed and pause, this printer couldn't be easier to operate. A single green/yellow/red LED makes it easy to see printer status at a glance. And whether you need to open the printer, feed labels or change the ribbon, color-coded touch points make it simple.

Automatically Resumes Operation After a Power Outage
With this time-saving feature, there's no need to physically turn on your printers after a power interruption — ideal for printers that may be difficult to reach or locked in a cabinet for security. And the power switch is located near the back of the printer to prevent workers from accidentally turning the printer off.

More Flexibility with a Moveable Sensor
The moveable media sensor supports almost any size label, allowing your ZD100 Series printers to support a wide variety of applications.

Maximize Printer Performance with the Right Supplies

Consistently Exceptional Zebra Certified Supplies
Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pre-test our own line of thermal printing supplies to ensure that your Zebra printer delivers consistent, optimized performance. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

The ZD100 Series — offering the quality, features and performance your business needs, at a price you can afford.

For more information, please contact your Zebra representative.

Specifications

Standard Features

- Thermal Transfer or Direct Thermal print method
- ZPL, EPL and non-Zebra command languages
- Single tri-color LED status indicator
- Single button for feed/pause
- USB connectivity
- OpenACCESS™ for easy media loading
- Media window
- Dual-wall frame construction
- ZebraDesigner Essentials - for more information or to download the easy label design tool free, please visit www.zebra.com/zebradesigner

Physical Characteristics

Dimensions	**Thermal Transfer** 267mm L x 202mm W x 192mm H **Direct Thermal** 220mm L x 180mm W x 150mm H
Weight	**Thermal Transfer:** 1.8kg **Direct Thermal:** 1.2kg

Printer Specifications

Resolution	203 dpi/8 dots per mm
Memory	8 MB Flash; 16 MB SDRAM
Maximum Print Width	104mm
Maximum Print Speed	152mm per second
Media Sensors	Movable black mark sensor, limited range from center to left side; fixed off-center gap sensor; ribbon sensor; head open sensor
Programming Languages	ZPL II; EPL 2; XML; compatible with TSPL subset

Media and Ribbon Characteristics

Label Length	Minimum: 25.4mm; maximum: 990mm
Media Width	25.4mm to 112mm
Media Roll Size	Maximum outer diameter: 127mm Core inner diameter: 12.7mm and 25.4mm standard and 38.1mm using optional adapters
Media Thickness	Minimum: 0.06mm Maximum: 0.1905mm
Media Types	Roll-fed or fan-fold; die cut or continuous with or without black mark; tag stock; continuous receipt paper; wristbands
Ribbon Types	Wax; wax/resin; resin
Ribbon Outside Diameter	66mm (300m) 34mm (74m)
Ribbon Length	74m to 300m
Ribbon Ratio	1:4 ribbon to media (300m) 1:1 ribbon to media (74m)
Ribbon Width	33.02mm to 110mm
Ribbon Core I.D.	25.4mm (300m); 12.7mm (74m)

Operating Characteristics

Operating Temperature	+5C to +40C
Storage Temperature	-40C to +60C
Operating Humidity	25% to 85% non-condensing
Storage Humidity	10% to 90% non-condensing
Electrical	220VAC; 50Hz

Options and Accessories

Media Handling	None
Real-time Clock	None

Fonts/Graphics/Symbologies

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, Planet Code
2D Barcodes	Codablock, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, MicroPDF, Aztec
Fonts and Graphics	16 resident expandable ZPL II bitmap fonts; Three resident scalable ZPL fonts; Five resident expandable EPL2 fonts; Native open-type font support; Unicode compliant for multi-language, on demand thermal printing 2 MB user available non-volatile memory; 2 MB user available SDRAM

Regulatory

IEC 62368-1, EN55032 Class A, EN55035, EN61000-3-2, EN61000-3-3, CU, SABS

Printers Supplies

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

Printer Software

Zebra Setup Utilities; ZebraDesigner Essentials'
For more information go to www.zebra.com/software

Recommended Services

Zebra OneCare™ maintenance plans provide peak performance and device uptime while protecting your critical operations and your printers with defined service levels. For more information go to www.zebra.com/zebraonecare

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.

Markets and Applications

Manufacturing

- Shipping label
- Dangerous goods label
- Receiving label
- Agency label
- Packing list
- Inventory label
- Asset tag

Transportation and Logistics

- Shipping/receiving label
- Packing slip
- Asset label

Retail

- Shelf label
- Buy online pick up in store label
- Price markdown
- Return tag
- Asset and inventory label
- Food safety label
- Receipts
- Pharmacy label

Healthcare

- Specimen collection
- Prescription label
- Patient ID wristband
- Blood/IV bag label
- Patient records
- Asset label

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