ZD230TA/DA 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 ZD230TA thermal transfer printer and ZD230DA direct thermal printer. 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. You get highly legible print quality for every single label — whether you choose 203 dpi or the new 300 dpi option. 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 transparent 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 300 m ribbon roll means fewer changes and improved worker productivity.

Easy Everyday Operation
The ZD230TA and ZD230DA are 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 new 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.

The Right Options

Fast Printing with Your Choice of Resolution
With a print speed of 6 inches per second, this 4-inch barcode printer keeps pace with your business and your workflows — your workers won't be waiting for labels to print. And with a choice of 203 dpi or 300 dpi, you get a very versatile printer that provides the resolution you need on the types of items you print — from prescription, specimen, IV bag and food information labels to patient ID wristbands and packing slips, asset and inventory labels and more.

The quality, features and performance your business needs, at a price you can afford.
For more information, please visit www.zebra.com/zd200

More Flexibility with a Moveable Sensor
The moveable media sensor supports almost any size label, allowing your ZD230TA and ZD230DA printers to support a wide variety of applications.

Complimentary Software Makes Printer Setup and Label Creation Easy

Zebra Setup Utilities
Easily set up, configure and manage your Zebra printers through a user-friendly, intuitive interface with this free application. Whether you're adding a new printer, moving an existing printer to a new location or adding new capabilities, easy-to-use wizards make it simple. Just click to configure the printer and select the best speed and darkness combination for your media. The printer driver automatically installs itself. And Quick Tools provides instant access to the most common printer diagnostic tools, making it easy to test and confirm configurations and control printer functions.

ZebraDesigner Essentials
Easily design, edit and print labels, tags and receipts with this free tool. No knowledge of barcoding or labeling is required. The Windows®-based intuitive Microsoft Office-style interface is so easy to use that training is virtually eliminated. Start with a pre-designed label that includes text, a barcode and graphics or create a label from scratch in minutes. And the tool supports 20 languages.

Keep Your Printers Up and Running with the Right Service Plan and Certified Supplies

Backed by Zebra's worldwide service and support
You count on your printers to keep your operations moving. And with an optional Zebra OneCare™ Maintenance Plan, it will. You get unmatched support, directly from the company that knows your printer best — Zebra. 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.

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.

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 (ZD230TA)**: 267mm L x 202mm W x 192mm H **Direct Thermal (ZD230DA):** 220mm L x 180mm W x 150mm H
Weight	**Thermal Transfer (ZD230TA):** 1.8kg **Direct Thermal (ZD230DA):** 1.2kg
Color	Gray or white color scheme

Printer Specifications

Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional)
Memory	8 MB Flash; 16 MB SDRAM
Maximum Print Width	104mm for 203 dpi 106mm for 300 dpi
Maximum Print Speed	152mm per second for 203 dpi 127mm per second for 300 dpi
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

Communications	USB to Serial
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

CCC; BSMI; KCC; BIS

Printers Supplies

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

Recommended Services

Zebra OneCare Essential; for more information, please visit www.zebra.com/zebraonecare

Printer Software

Zebra Setup Utilities; ZebraDesigner Essentials

Product Warranty

ZD200 Series 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

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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