ZD230 4-Inch Value Desktop Printer

Get more: Extra features, quality construction, exceptional value

Not all printers are created equally, especially basic models. To reduce costs, value printers are often constructed using less expensive components and fewer features. Many fail to perform under more demanding duty cycles, create delays and downtime for repairs, and require replacement after only a few years of use. Instead of conserving budget, customers are left with greater expense and hassle. Zebra does it differently. Meet the exception. The ZD230 desktop printer gives you extra features and reliable operation at an affordable price—both at the point of purchase and across the entire lifecycle. Engineered with Zebra quality, it boasts a dual-wall construction. And, it offers wireless connectivity for networked, remote printing. Built to last for years, the ZD230 provides an outstanding return on your investment.

Get Printing Quickly
The ZD230 is simple to install and begin printing—right out of the box. Easily replace legacy printers using ZPL, EPL or non-Zebra command languages. USB, Ethernet, Wi-Fi and Bluetooth® connectivity options enable universal interoperability. The ZD230 can accommodate a 300 M ribbon roll to lengthen the time between media changes. And, Zebra's OpenACCESS™ clamshell design expedites media replacement. It's also ENERGY STAR® qualified to reduce your operational expenses.

Just the Features You Need
This 4-inch printer produces labels quickly, up to 6" per second, to keep your workflows moving. Increased memory allows you to store more fonts and graphics. A single LED indicator and single button for feed/pause make it easy to operate and identify printer status. Choose from direct thermal or thermal transfer models, and add an optional factory-installed peeler or cutter.The ZD230 features Print DNA Basic, a core set of software applications and capabilities to deliver a cost-effective and dependable print experience. It is ideal for use in transportation and logistics, light manufacturing, retail and healthcare applications to print a variety of tickets, tags, passes, labels and receipts.

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.

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. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

Get more from your investment: Quality, reliability and extra features
For more information, visit www.zebra.com/zd230

ZD230 Specifications

Standard Features

- Thermal Transfer or Direct Thermal print method
- ZPL and EPL programming languages
- Single LED status indicator
- Single button for feed/pause
- USB connectivity
- OpenACCESS™ for easy media loading
- Dual-wall frame construction
- ENERGY STAR qualified
- ZebraDesigner Essentials - easy label design tool free at www.zebra.com/zebradesigner
- Two-year standard warranty

Physical Characteristics

Dimension	Thermal Transfer: 10.5 in. L x 7.75 in. W x 7.5 in. H 267 mm L x 197 mm W x 191 mm H Direct Thermal 8.6 in. L x 6.9 in. W x 5.9 in. H 220 mm L x 176 mm W x 151 mm H
Weight	2.5 lbs./1.1 kg

Printer Specifications

Resolution*	203 dpi/8 dots per mm
Memory	128 MB Flash; 128 MB SDRAM
Maximum Print Width	4.09 in./104 mm for 203 dpi
Programmable Print Speed	6 in./152 mm per second or 4 in./102 mm per second
Media Sensors	Movable black mark sensor, limited range from center to left side Fixed off-center gap sensor
Firmware	ZPL II; EPL 2; XML

Media and Ribbon Characteristics

Maximum Label Length	39.0 in./991 mm
Media Width	1.00 in. / 25.4 mm to 4.4 in. / 112 mm
Media Roll Size	5.00 in./127 mm outer diameter Core inner diameter: 0.5 in. (12.7 mm) and 1.0 in. (25.4 mm) standard, 1.5 in. (38.1 mm)
Thickness	0.003 in. (0.08 mm) min.; 0.0075 in. (.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, and wristbands
Ribbon Outside Diameter	2.6 in./ 66 mm (300 m); 1.34 in./ 34 mm (74 m)
Maximum Ribbon Length	984 ft. (300 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

Markets and Applications

Light Manufacturing

- Product labeling
- Asset management
- Inventory management
- Work-in-process tracking

Transportation and Logistics

- Shipping labels
- Cross docking

Retail

- Price labeling
- Receipt printing

Healthcare

- Patient identification

ZD230 Specifications

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
Operations and Accessories	
Media Handling	Factory installed peeler or cutter
Communications	• Factory-installed USB and Ethernet • Factory-installed USB and Bluetooth 4.1 • Factory-installed USB 802.11ac Wi-Fi and Bluetooth 4.1
Real Time Clock	None
Keyboard Display Unit	No serial port, thus no KDU/ZKDU
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 for multi-language, on demand thermal printing 50 MB user available non-volatile memory, 8 MB user available SDRAM

Printers Supplies

Keep your Zebra printer up and running with genuine Zebra printer supplies, available directly from Zebra.

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

Recommended Services

Zebra OneCare SV

Operating System

Link-OS Basic printer operating system

Print DNA Software

This printer is supported by a core set of Print DNA Basic applications and capabilities.

Zebra Setup Utilities	Enhances out-of-the-box experience by enabling quick and easy printer configuration
ZebraDesigner Essentials	Makes designing and printing industry-standard and compliant labels simple, including fixed or variable data
Emulations	On-printer apps allow Zebra printers to use legacy languages normally associated with other printer brands

For more information, please visit www.zebra.com/printdna

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.

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