ZD220 4-inch Desktop Printer

Reliable operation, quality construction, unsurpassed value

Not all printers are created equally, especially basic models. To reduce costs, value printers are often constructed using less expensive components. 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. The ZD220 desktop printer gives you reliable operation and basic features 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 for added durability. And, it is ENERGY STAR® qualified to reduce your operational expenses. Built to last for years, the ZD220 provides an outstanding return on your investment.

Get Printing Quickly

The ZD220 is simple to install and begin printing—right out of the box. USB connectivity allows for universal interoperability. Easily replace legacy printers using ZPL, EPL or non-Zebra command languages. And, media changes are expedited with Zebra's OpenACCESS™ clamshell design. 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.

Basic Features for Simple Operation

This 4-inch printer produces labels quickly, at 4 in. 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. The ZD220 features Print DNA™ Basic, a core set of software applications and capabilities to deliver a cost-effective and dependable print experience.

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.

Reliable, quality printing that matches your budget.

For more information, please visit www.zebra.com/zd200

Specifications

Standard Features

- Print methods: Thermal Transfer or Direct Thermal
- 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

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	Thermal Transfer: 3.7 lbs./1.7 kg Direct Thermal: 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
Print Speed	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) using optional adapters
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	1.34 in./34 mm (74 m)
Maximum Ribbon Length	244 ft. (74 m)
Ribbon Ratio	1:1 ribbon to media (74 m)
Ribbon Width	1.33 in./33.8 mm-4.3 in./109.2 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

Options and Accessories

Media Handling	Factory installed peeler
Real Time Clock	None

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

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

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
ZebraOneCare Essential	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 8x5 live technical support and

Media and Ribbon Characteristics

Ribbon Core I.D.	74 meter ribbon 0.5 in./12.7 mm

Recommended Services

	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.

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 minimum period of 2 (two) years from the date of shipment. Warranty varies by region. For complete warranty details, please visit www.zebra.com/warranty

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
zebra.com/locations
la.contactme@zebra.com

ZEBRA and the stylized Zebra head are trademarks of Zebra Technologies Corp., registered in many jurisdictions worldwide. All other trademarks are the property of their respective owners. ©2024 Zebra Technologies Corp. and/or its affiliates. 03/13/2024