

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
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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 5.2 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
256 MB Flash; 128 MB SDRAM
Maximum Print Width
4.09 in./104 mm for 203 dpi
Maximum Print Speed
6 in./152 mm per second
Media Sensors
<ul style="list-style-type: none">• Movable black mark sensor, limited range from centre to left side• Fixed off-centre 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), 2.0 in., (50.8 mm) and 3.0 in. (76.2 mm) using optional adaptors
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
<ul style="list-style-type: none"> • 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.
<ul style="list-style-type: none"> • 300 Metre ribbon 1 in./25.4 mm • 74 Metre 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

Operations and Accessories

Media Handling
Factory installed peeler or cutter
Communications
<ul style="list-style-type: none"> • 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 China units include SimSun simplified Chinese font 50 MB user available non-volatile memory, 8 MB user available SDRAM

Printer Supplies

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

<ul style="list-style-type: none">• 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
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Recommended Services

Zebra OneCare SV

Print DNA Software

This printer features a core set of Print DNA applications powered by Link-OS Basic.
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