

ZD420 Specifications Chart

STANDARD FEATURES

Thermal Transfer print method
ZPL and EPL programming languages
5 status icon, 3 button user interface
USB 2.0, USB Host
Bluetooth low energy
OpenACCESS™ for easy media loading
Dual-wall frame construction
ENERGY STAR qualified
Real Time Clock

PHYSICAL CHARACTERISTICS

Dimensions 10.0 in. L x 8.0 in. W x 7.0 in. H
254 mm L x 202 mm W x 177 mm H

Weight 5.0 lbs./2.3 kg

PRINTER SPECIFICATIONS

Resolution* 203 dpi/8 dots per mm
Optional 300 dpi/12 dots per mm
Resolution can be factory installed or changed on site via accessory kits.
Resolution can be changed from 300 dpi to 203 dpi, as well as from 203 dpi to 300 dpi.

Memory 512 MB Flash; 256 MB SDRAM

Maximum Print Width 4.09 in./104 mm for 203 dpi and 300 dpi

Maximum Print Speed 6 in./152 mm per second (203 dpi)
4 in./102 mm per second (300 dpi)

Media Sensors Full width, moveable reflective/black mark sensor, multi-position transmissive/gap sensor

Firmware ZPL II, EPL 2, XML, ZBI

MEDIA CHARACTERISTICS

Maximum Label Length 39.0 in./991 mm

Maximum Label and Media Width 4.65 in./118 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 adapters

Thickness 0.003 in./0.08 mm - 0.012 in./0.305 mm (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

OPERATING CHARACTERISTICS

Operating Temp. 40° to 105° F/4.4° to 41° C

Storage Temp. -40° to 140° F/-40° to 60° C

OPTIONS AND ACCESSORIES (CONTINUED)

Communications Field installable RS-232 auto-sensing Serial, DB-9, Ethernet - 10/100 internal, factory installed wireless dual radio: 802.11ac Wi-Fi and Bluetooth 4.1

Healthcare Model Healthcare model with IEC 60601-1 compliant power supply and healthcare wipeable plastics

Keyboard Display Unit ZKDU keyboard display units for stand-alone printing solutions

FONTS/GRAPHICS/SYMBOLOLOGIES

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
64 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.

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, 5-Mark, CCC, CU, BSMI, KCC, SABS, IN-Metro, BIS, NOM

SOFTWARE TOOLS

- **Link-OS: Document Design:** Quickly design a customized print solution using your business data and Zebra's intuitive, plug-and-print design tools.
- **Device Integration:** Zebra offers apps and products designed to help you integrate Zebra devices into your existing systems.
- **Device Management:** Manage your print operations locally and globally with Zebra's suite of device management tools.
- **Developer Tools:** Provides you the tools you need to create

The ZD420 is ideal in:

Light Manufacturing

- Agency labels/nameplates
- Product labels
- Apparel tags

Transportation & Logistics

- Asset labels

Healthcare

- Lab and specimen labels
- Asset labels
- Blood and IV bag labels
- Sterile services

Retail

- Asset labels
- Shelf labels
- Record labels

Government

- Asset labels
- Record labels

Services

- Service reminder labels