

## DESKTOP PRINTERS & SUPPLIES AT-A-GLANCE

	ZD220 ZD22042-TPG00EZ	ZD120 ZD12042-ADPG00FZ	ZD230 ZD23042-3JPG00EZ
<b>Technology</b>	Thermal Transfer	Direct Thermal	Thermal Transfer
<b>Dimensions</b>	10.5 in. L x 17.5 in. W x 7.5 in. H	7.01 in. L x 6.69 in. W x 8.2 in. H	10.5 in. L x 17.5 in. W x 7.5 in. H
<b>Weight</b>	2.5 lbs/1.1 kg	5.0 lbs/2.3 kg	2.5 lbs/1.1 kg
<b>Resolution</b>	303 dpi/8 dots per mm	203 dpi/8 dots per mm	303 dpi/8 dots per mm
<b>Maximum Print Width</b>	4.09 in./104 mm	4.08 in./104 mm	4.09 in./104 mm
<b>Maximum Print Speed</b>	4 in./102 mm per second	6 in./152 mm per second	6 in./152 mm per second
<b>Command Language</b>	ZPL II, EPL 2	REMAP driver, driver based (Windows)	ZPL II, EPL 2
<b>Memory</b>	256 MB Flash; 128 MB SDRAM	8 MB SDRAM	256 MB Flash; 128 MB SDRAM
<b>Media Width</b>	1.03 in./25.4 mm to 4.4 in./112 mm	2.0 in./51 mm to 4.2 in./107 mm	1.03 in./25.4 mm to 4.4 in./112 mm
<b>Maximum Media Length</b>	330 in./838 mm	-	330 in./838 mm
<b>Ribbon Standard Length</b>	244 ft. (74 m)	9 in./228.6 mm	984 ft. (300 m) 244 ft. (74 m)
<b>Connectivity</b>	USB 2.0	-	USB 2.0
<b>Standard Warranty</b>	2 years	USB 2.0	2 years
<b>Associated supplies</b>	<ul style="list-style-type: none"> <li>• 4 x 2 in. (101.6 x 50.8mm)</li> <li>• 4 x 6 in. (101.6 x 152.4mm)</li> <li>• 60 x 40 mm</li> <li>• 80 x 40 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 2 years</li> <li>• 4 x 2 in. (101.6 x 50.8mm)</li> <li>• 4 x 6 in. (101.6 x 152.4mm)</li> <li>• 60 x 40 mm</li> <li>• 80 x 40 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 4 x 2 in. (101.6 x 50.8mm)</li> <li>• 4 x 6 in. (101.6 x 152.4mm)</li> <li>• 60 x 40 mm</li> <li>• 80 x 40 mm</li> </ul>
<b>Paper Labels</b>	Standard Black Wax Width: 4.25 in. (108mm) Length: 242 ft. (74m) Core: 0.5 in. (12mm)	Standard Black Wax Width: 4.25 in. (108mm) Length: 242 ft. (74m) Core: 0.5 in. (12mm)	Standard Black Wax Width: 4.25 in. (108mm) Length: 242 ft. (74m) Core: 0.5 in. (12mm)
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## ZEBRADESIGNER ESSENTIALS (COMPLIMENTARY)

- Quickly and easily design professional labels without prior knowledge of barcoding or labeling using our Microsoft Office-style interface
- Set your user interface to one of 20 international languages
- Start with a basic template design including text, barcode and graphic objects
- Use keyboard input, date, time and counter data sources
- Benefit from the GS1-128 barcode wizard
- Use one of the pre-designed label templates or create one from scratch in minutes
- Compatible with formats created in ZebraDesigner version 2



## ZD120 Specifications

### Standard Features

- Print Method: Direct thermal printing, printing of barcodes, text and graphics
- Adjustable media tension for a variety of labeling applications
- 32-bit 24C processor
- Communications: USB 2.0
- Microsoft Windows® drivers
- OpenACCESS™ for easy media loading
- Tri-colour status LEDs for quick error status
- USB cable included

### Physical Characteristics

<b>Dimensions</b>	7.5 in. W x 6.7 in. H x 8.2 in. D 201mm W x 170 mm H x 208 mm D
<b>Weight</b>	3.0 lbs/1.4 kg

### Printer Specifications

<b>Resolution</b>	203 dpi/8 dots per mm
<b>Memory</b>	8 MB SDRAM
<b>Maximum Print Width</b>	4.09 in./104 mm
<b>Maximum Print Length</b>	9 in./228.6 mm

### Media Characteristics

<b>Media Width</b>	2.0 in./51 mm to 4.2 in./107 mm
<b>Media Length</b>	1.0 in./25.4 mm to 9.0 in./228.6 mm
<b>Maximum Media Roll Size</b>	5 in./127 mm O.D. on a 1.00 in./25.4 mm, 1.5 in./38 mm I.D. core
<b>Media Thickness</b>	0.0055 in./0.14 mm to 0.007 in./0.18 mm
<b>Media Types</b>	• Roll-fed or fan-fold • Labels with glue (jet-out, direct thermal)

### Environmental

<b>Operating Temperature</b>	40° F to 59° F / 5° C to 14° C
<b>Storage Temperature</b>	-40° F to 140° F / -40° C to 60° C
<b>Operating Humidity</b>	10% to 90% non-condensing RH
<b>Storage Humidity</b>	5% to 95% non-condensing RH

### Software

- ZebraDesigner® Driver** – Powerful print driver for Windows OS
- ZebraDesigner Pro** – An intuitive, easy-to-use software program for creating complex label designs (optional)
- ZebraDesigner** – Offers basic features for simple label design

### Communications

USB 2.0 interface, bi-directional (cable included)

### Electrical

Auto-detectable external power supply with 1.5A hyper-conductor  
Output: 24VDC, 2.5A, Input: 100-240VAC, 50-60Hz

### Fonts/Graphics/Symbologies

<b>Barcode Symbologies</b>	Wide range of barcodes supported by ZebraDesigner and ZebraDesigner Pro: Barcode Ratio – 2:1 1D Barcodes – Code 11, Code 39, Code 93, Code 128, UPCA, UPC-A, UPC-E, EAN-8, EAN-12, EAN-13, UPCA and UPC-E with EAN 2 or 5 digit extensions UPC-E with 2, 4, 5 and 6 digit extensions, PDSNET, Standard 2 of 5, Industrial 2 of 5, Intermated 2 of 5, LOGIMARKS, MSI, Codabar, and 659 DataBar™ (Primary, PS1), Postnet (5, 9, 14 & 13 digit), Japanese Postnet, Postnet (MSI 9, MSJ-3, German Post Code, RSS-14 (limited, truncated, stacked)) 2D Barcodes – PDF417 (MSI)®/417 and Maxicode/417, Code 49, Matrix, Codebook, Data Matrix, QR code, Aztec
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**Fonts and Graphics** – Fonts – True Type Fonts as supported by Windows  
Graphics – bmp, jpg, png, emf, gif file types

Comes with Windows compatible printer driver that enables printing from a wide range of label printing applications

Compatible with third party Transportation & Logistics shipping software via included Windows 10 compatible printer driver

### Agency Approvals

TUV-RH/TÜV-RCE, BSM, KCC, EAC, CE, FCC Class-B

### Environmental Compliance

- RoHS Directive 2002/95/EC Amendment 2015/863
  - WEEE Directive 2002/96/EC
- A complete list of product and materials compliance, please visit: [www.zebra.com/compliance](http://www.zebra.com/compliance)

### Included in the Box

Printer, AC power supply, power cord, USB cable, Quick Start Guide, Regulatory Guide

### Product Warranty

ZD120 printers are warranted against defects in workmanship and materials for a period of 1 year from the date of shipment. For the complete warranty statement, please visit: [www.zebra.com/warranty](http://www.zebra.com/warranty)

### Recommended Services

Zebra OneCare SV Service includes normal wear and tear and functional failure, including extended coverage against Manufacturer's Defects, priority access to the technical support, 9-5 day digital repair turnaround time plus free return ground shipping. Drive Return Material Authorization (RMA) support. For more information go to [www.zebra.com/onecaresv](http://www.zebra.com/onecaresv). Note: Service availability may vary by region.