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ZXP Series 1™ Card Printer Specifications

Specifications are provided for reference and are based on printer tests using Zebra brand consumables. Results may vary in actual application settings or when using other than recommended Zebra supplies. Zebra recommends always qualifying any application with thorough testing.

Printing Specifications

- Dye-sublimation thermal transfer direct to card
- Full color or monochrome printing
- Single-sided printing
- 500 cph monochrome single-sided
- 120 cph single-sided YMCKO
- Edge-to-edge printing on standard CR-80 media

Standard Features

- Eco-Friendly Load-N-Go™ drop-in ribbon ZXP Series 1 cartridges
- ZRaster™ host-based image processing
- Auto calibration of ribbon
- USB connectivity
- Microsoft Certified Windows drivers
- Energy Star Certified
- Print Touch NFC tag for online Printer documentation access
- 100 card covered feeder (30 mil)
- 45 card capacity integrated flip-out output hopper (30 mil)
- 16-character LCD operator control display
- 300 dpi (11.8 dots/mm) print resolution
- Two-year warranty on printer
- Two-year (unlimited passes) original printhead
- One-year hot swap (U.S. only)

Printing Throughput

Printing throughput (cards per hour) based on click to drop printing, average print coverage, with USB connectivity. Times may vary depending on the computer and other configurations.

- 500 cph monochrome single-sided
- 120 cph single-sided YMCKO

Encoding Options and Specifications

- Magnetic stripe encoder – ISO 7811 (new and re-encoded, tracks 1,2, and 3, high and low coercivity, stripe down, 30 mil card only, factory install only)

Optional Features

- *CardSense™ single-card feed mode
- ZebraCare™ extended product warranty programs

Communications Interfaces

- USB V2.0 (cable included) - standard
 - *Built-in 10/100 Ethernet - optional
- *Field upgradeable options*

Card Compatibility

NOTE: For optimum print quality and printer performance, use of Zebra genuine supplies is recommended.

- Card Thickness: 10-40 mil
- Card Size: CR-80, ISO 7810 format, Type ID-1, 2.12" (54 mm) x 3.38" (86 mm)
- Card Material: PVC and PVC composite
- Spot Color or monochrome print only on < 20 mil card thickness

Physical Specifications (standard model)

Printer	
Height	9.3" (236 mm)
Width	7.9" (200 mm)
Depth	13.0" (330 mm)
Weight	11.6 lbs (5.3 kg)

Electrical Specifications

- Auto-switching single-phase AC power
- Operating range: 90-132VAC and 190-264VAC RMS.
- Frequency range : 47-63 Hz.
- Power requirement is 100W maximum continuous and 607W peak (for 450 microsec) output power.
- FCC Class A

Supplies Specifications

NOTE: The ZXP Series 1 printer is designed to work only with Zebra True Colours ix Series, ZXP Series 1 ribbons.

- Zebra ix Series intelligent technology automatically detects and authenticates ribbon.
- Integrated cleaning roller included on each ribbon.
- Media Starter Kit – 1 YMCKO ribbon, 100 30-mil PVC cards
- Cleaning Kit: 4 print engine cleaning cards and 4 feeder cleaning cards, 1000 images/card

True Colours ix Series ZXP Series 1 Ribbon Options

Ribbon Description	Eco Cartridge Image Count
YMCKO	100
1/2 YMCKO	400
Black Monochrome	1000
White Monochrome	500

Preventative Maintenance

Zebra recommends cleaning the printer on a regular basis using standard Zebra cleaning supplies and parts. Consult the User's Guide for further details.

Environmental Specifications

- Operating Temperature: 60° F to 86° F (15° C to/30° C)
- Storage Temperature: 23° F to 131° F (-5° C to 55° C)
- Operating Humidity: 20% to 65% non-condensing
- Storage Humidity: 20% to 70% non-condensing
- Media Storage:
 - Temperature: 41F to 77F (5C to 30C)
 - Humidity: 35% to 65% non-condensing
 - Do not store in direct sunlight

Drivers Supported

Microsoft Windows Certified Printer Drivers¹:

Windows XP, Vista, Server 2003, Server 2008, Windows 7 (32-bit and 64-bit compatible, Windows 8(32-bit and 64-bit compatible)

Please see zebra.com for up to-date listing of supported systems.

⁽¹⁾Requires Firmware Release 2.0 or greater



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