



P430i Card Printer



Performance, Reliability, and Expandability in a Dual-sided Card Printer



The Zebra P430i is part of the latest generation of Zebra's most popular card printer family, with tens of thousands of printers installed worldwide. Designed and built for demanding environments, the P430i delivers reliability and performance for high-volume card production. Expansion options for networking and card encoding give the P430i the flexibility to meet your specific requirements. Affordable and easy-to-use, the Zebra P430i is the new leader in dual-sided performance card printers.

Ideal for:

- » Employee ID cards
- » Student and faculty ID cards
- » Access control cards
- » Personalized membership and loyalty cards
- » Gift cards
- » Visitor ID cards
- » Government licenses

Innovative and Easy-to-Use

- » Easy plug and play USB or USB with Ethernet interface simplifies configuration
- » Printhead bracket opens wide for easy ribbon access
- » 16 character LCD screen for printer status and error reporting messages
- » Translucent card cover allows you to see when supplies are running low, and blank cards can be added while printing
- » Reject bin holds cards that fail to encode correctly

Encoding and Network Connectivity Expansion Options

- » 3 track magnetic stripe encoding (HiCo/LoCo)
- » Contact and contactless smart card encoding capabilities
- » Built-in 10/100 Ethernet for printer networking simplifies device management and eliminates the need for third party external device.

Reliable and Flexible

- » Print dual-sided or single-sided
- » Revolutionary angled card feeder design means fewer rejected cards*
- » Self-aligning printhead design for consistently uniform print quality

High Performance

- » Vibrant, true-to-life colors
- » High volume card throughput
- » Large capacity card feeder available

i Series* Functionality

- » Automatic color optimization and driver configuration
- » Enhanced ribbon formulation for optimal color output
- » Ribbon image counter and ribbon low notification

*Patent pending

P430i



Card Printer Product Specifications

General Specifications

- » 16-character LCD display
- » Windows® drivers for 2000 and XP
- » Bi-directional driver communication
- » One year printer warranty
- » One year (unlimited passes) printhead warranty

Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » 102 cards per hour full color dual-sided (YMCKOK)
- » 130 cards per hour full color single-sided (YMCKO)
- » 300 dpi (11.8 dots/mm) print resolution

Bar Codes

- » Code 39, Code 128 B & C with & without check digit
- » 2 of 5 & 2 of 5 Interleaved
- » UPC-A, EAN 8 & EAN 13
- » PDF-417 2D bar code and other symbologies can be printed via Windows drivers

Card Specifications

- » Types: PVC, PVC Composite, Adhesive backed
- » Card width/length: ISO CR-80-ISO 7810, 2.12" (54mm) x 3.38" (86mm)
- » Magnetic Stripe-ISO 7811
- » Smart Card contact and contactless
- » Card thickness: 10 mil (.25mm) to 60 mil (1.524mm) (+/- 10%)
- » Card feeder capacity: 100 cards (30 mil) or 220 cards (30 mil)
- » Card output hopper capacity: 100 cards (30 mil)

Communications Interface

- » USB 1.1 (USB 2.0 compatible) cable included
- » Optional Built-in 10/100 Mbps Ethernet



Software drivers for the Zebra P430i Card Printer have been tested to ensure that they meet Microsoft® standards for Windows® compatibility. Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

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Ribbon Specifications*

- » i Series™ Printers require the use of i Series ribbons for full color printing
- » YMCKOK: 170 cards/roll
- » YMCKO: 200 & 330 cards/roll
- » 1/2 Panel YMC Full KO: 450 cards/roll
- » KdO: 500 cards/roll
- » KrO: 500 cards/roll
- » Overlay varnishes: Clear and Hologram: 350 cards/roll
- » Monochrome: 1500 (Black) & 1000 cards/roll
- » Monochrome colors: black, red, blue, green, silver, gold, white and scratch-off grey



*for optimum printer performance use Genuine Zebra Supplies

Mechanical

- » Width: 26 in (660 mm)
- » Depth: 9.4 in (239 mm)
- » Height: 10.1 in (256 mm)
- » Weight: 20 lbs (9.1 kg)

Electrical

- » 100 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- » 4MB image memory standard
- » FCC Class A, CE, UL, CUL, and CCC approved

Environmental

- » Operating Temperature: 60°F to 86°F (15°C to 30°C)
- » Operating Humidity: 20% to 65% non-condensing
- » Storage Temperature: 23°F to 158°F (-5°C to 70°C)
- » Storage Humidity: 20% to 70% non-condensing
- » Ventilation: Free air

Options

- » Built-in 10/100 Mbps Ethernet
- » Smart card contact-ISO 7816 encoder (30 mil cards only)
- » Smart card MIFARE®/DESFire and HID iClass® encoder (30 mil cards only)
- » Magnetic encoder (30 mil cards only) 3 track HiCo/LoCo
- » High capacity feeder (220 cards)
- » Cleaning supplies

Genuine Zebra Supplies

- » Your choice of card printer supplies is critical. It is a primary factor affecting the reliability and consistency of printing. Genuine Zebra Supplies meet stringent quality standards and are tested for optimum performance with Zebra card printers.



Zebra Technologies Corporation



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