

# ZEBRA® P430i CARD PRINTER



## PERFORMANCE, RELIABILITY, AND EXPANDABILITY IN A DUAL-SIDED CARD PRINTER

The Zebra P430i is part 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 a leader in dual-sided performance card printers.

## KEY FEATURES

- Double sided, full colour or monochrome printing
- Magnetic encoding
- Smart-card encoding
- UHF Gen 2 RFID encoding
- Ethernet connectivity

## IDEAL FOR:

- Employee ID cards
- Students and faculty ID cards
- Access control cards
- Membership and loyalty cards
- Personalised gift cards
- Visitor ID cards
- Government licenses

## MAKE THE MOST OF UHF TECHNOLOGY, USE GENUINE ZEBRA UHF RFID CARDS FOR YOUR APPLICATIONS!

**Zebra offers Gen 2 UHF cards for higher levels of security and authentication**

- High-quality plastics for an even print surface
- Zebra's exclusive patent pending inlay design for optimised read range

For more information, visit [www.esprin.com.mx](http://www.esprin.com.mx)



# SPECIFICATIONS AT A GLANCE\*

## GENERAL SPECIFICATIONS

- 16-character LCD display for printer status and error reporting messages
- Windows® XP, 2000, Server 2003 and Vista compatible
- Bi-directional driver communication
- Two year printer warranty
- Two year (unlimited passes) original printhead warranty
- Printhead bracket opens wide for easy ribbon access
- 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
- Print dual-sided or single-sided
- Revolutionary angled card feeder design means fewer rejected cards\*
- Self-aligning printhead design for consistently uniform print quality
- Vibrant, true-to-life colours
- High volume card throughput

\* Patent pending

## PRINTING

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

### j Series™ Functionality:

- Automatic colour optimisation and driver configuration
- Enhanced ribbon formulation for optimal colour output
- Ribbon image counter and ribbon low notification

\* Based on average print coverage per card.

## 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, UHF Gen 2 RFID
- 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)
- 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

## ELECTRICAL

- 100 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- 4 MB image memory standard
- FCC Class A, CE, UL, CUL, and CCC approved
- UHF: FCC 47 CFR Ch.1 Part 15
  - Industrie Canada RSS-21 0
  - ETSI EN 302 208
  - ETSI EN 300 220

## RIBBON SPECIFICATIONS



- j Series™ printers require the use of j Series ribbons for full colour 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 colours: black, red, blue, green, silver, gold, white and scratch-off grey

**For optimum printer performance use Genuine Zebra Supplies**



## PHYSICAL CHARACTERISTICS

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

## 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® encoder (30 mil cards only)
- Smart card contact station (30 mil cards only)
- Magnetic encoder (30 mil cards only)
- 3 track HiCo/LoCo (Reverse magnetic encoder available)
- High capacity feeder (220 cards)
- EPCglobal UHF Gen 2 RFID (ISO-18000-6C) with Anti-Collision, DRM, and advanced anti-jamming. Frequency: Hop table with up to 62 entries, accommodating the following regions:
  - FCC (NA) 902-928 MHz (USA, Canada)
  - ETSI (EU) 865.6-867.6 MHz, 869.85 MHz (Austria, Belgium, Denmark, Finland, France, Germany, Iceland, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK)
- 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.



Software drivers for the Zebra P430i Card Printers are 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.

\*Specifications subject to change without notice.

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**Zebra helps companies identify, locate and track assets, transactions and people with on-demand specialty digital printing and automatic identification solutions in more than 100 countries around the world.**



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