

# Zebra® Performance card printers



## Reliable and expandable card printing starts here

### Zebra P330i™ printer

The Zebra P330i is one of Zebra's most popular card printers, with tens of thousands of printers installed worldwide. Designed and built for demanding environments, the P330i delivers reliability and performance for high-volume card production.

Affordable and easy to use, the Zebra P330i is a leader in performance-class card printers.

### Zebra P330m™ printer

Offering monochrome-only card printing, the P330m is the most cost-effective solution for your personalisation and monochrome printing applications. Monochrome colours available are black, red, blue, green, silver, gold, white and scratch-off grey.

### Zebra P430i™ printer

Affordable and easy-to-use, the Zebra P430i is a leader in dual-sided performance-class card printers. Expansion options for networking and card encoding give the P430i the flexibility to meet your specific requirements.



## Get the most out of your printers: use genuine Zebra supplies!

Genuine Zebra supplies meet stringent quality standards and are tested for optimum performance with Zebra card printers.

- i Series™ intelligent ribbon technology for enhanced performance
- Available in full colour or monochrome black, red, blue, green, silver, gold, white and scratch-off grey

▶ For more information, visit [www.zebracard.com](http://www.zebracard.com)



# Zebra® Performance card printers

## Performance-class card printers

Zebra's performance card printers offer a variety of setup and connectivity options, ideal for corporate and student ID, membership cards, government ID, hospital staff ID, gift cards and more. The printers' translucent card cover allows you to see when supplies are running low, and blank cards can be added while printing. The design of the self-aligning printhead ensures uniform print quality.

### Ideal for:

- Employee ID cards
- Student and faculty ID cards
- Access-control cards
- Membership and loyalty cards
- Personalised gift cards
- Visitor ID cards
- Government licences



## P330i printer

### Standard features

- Single-sided full-colour or monochrome printer
- Integrated card feeder
- USB connectivity

### Options

- Built-in 10/100Mbps Ethernet
- Smart-card contact ISO 7816 encoder (30 mil/0.762mm cards only)
- Smart-card Mifare®/DESFire® encoder (30 mil/0.762mm cards only)
- Smart-card contact station (30 mil/0.762mm cards only)
- Three-track HiCo/LoCo magnetic encoder (30 mil/0.762mm cards only); 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) 902–928MHz (USA, Canada)
  - ETSI (EU) 865.6–867.6MHz, 869.85MHz (Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK)

### General specifications

- 16-character LCD display for printer-status and error-reporting messages
- Windows® drivers for Windows 2000, Windows Server® 2003, Windows XP; works with Windows Vista® (32 bit) certified
- Bi-directional driver communication
- Printhead bracket opens wide for easy ribbon access
- Revolutionary angled card feeder design means fewer rejected cards\*
- Vibrant, true-to-life colours
- High-volume card throughput
- 4MB image memory as standard
- Two-year printer warranty
- Two-year original printhead warranty (unlimited passes)
- Cleaning kit

\* Patent pending

### Printing

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

### i Series functionality:

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

\*\* Print speed based on average print coverage per card



## P330m printer

### Standard features

- Single-sided monochrome printer
- Integrated card feeder
- USB connectivity

### Options

- Built-in 10/100Mbps Ethernet
- Smart-card contact ISO 7816 encoder (30 mil/0.762mm cards only)
- Smart-card Mifare/DESFire encoder (30 mil/0.762mm cards only)
- Smart-card contact station (30 mil/0.762mm cards only)
- Three-track HiCo/LoCo magnetic encoder (30 mil/0.762mm cards only); reverse magnetic encoder available
- High-capacity feeder (220 cards)

### General specifications

- 16-character LCD display for printer-status and error-reporting messages
- Windows® drivers for Windows 2000, Windows Server® 2003, Windows XP; works with Windows Vista® (32 bit) certified
- Bi-directional driver communication
- Printhead bracket opens wide for easy ribbon access
- Revolutionary angled card feeder design means fewer rejected cards\*
- Vibrant, true-to-life colours
- High-volume card throughput
- 4MB image memory as standard
- Two-year printer warranty
- Two-year original printhead warranty (unlimited passes)
- Cleaning kit

\* Patent pending

### Printing

- Monochrome thermal-transfer printing
- 5.2 seconds/card\*\*
- 300dpi (11.8 dots/mm) print resolution

\*\* Print speed based on average print coverage per card



## P430i printer

### Standard features

- Double- or single-sided full-colour or monochrome printer
- Integrated card feeder
- USB connectivity

### Options

- Built-in 10/100Mbps Ethernet
- Smart-card contact ISO 7816 encoder (30 mil/0.762mm cards only)
- Smart-card Mifare/DESFire encoder (30 mil/0.762mm cards only)
- Smart-card contact station (30 mil/0.762mm cards only)
- Three-track HiCo/LoCo magnetic encoder (30 mil/0.762mm cards only); 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) 902–928MHz (USA, Canada)
  - ETSI (EU) 865.6–867.6MHz, 869.85MHz (Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK)

### General specifications

- 16-character LCD display for printer-status and error-reporting messages
- Windows® drivers for Windows 2000, Windows Server® 2003, Windows XP; works with Windows Vista® (32 bit) certified
- Bi-directional driver communication
- Printhead bracket opens wide for easy ribbon access
- Reject bin holds cards that fail to encode correctly
- Revolutionary angled card feeder design means fewer rejected cards\*
- Vibrant, true-to-life colours
- High-volume card throughput
- 4MB image memory as standard
- Two-year printer warranty
- Two-year original printhead warranty (unlimited passes)
- Cleaning kit

\* 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)
- 300dpi (11.8 dots/mm) print resolution

### i Series functionality:

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

\*\* Print speed based on average print coverage per card

# Specifications at a glance\*

## Ribbon specifications

- i Series printers require the use of i Series ribbons for full-colour printing
- YMCKO: 200 & 330 cards/roll (P330i/P430i)
- YMCKOK: 170 cards/roll (P430i)
- Half-panel YMC Full KO: 450 cards/roll (P330i/P430i)
- KdO and KrO: 500 cards/roll (P330i/P430i)
- Overlay varnishes: clear and hologram: 350 cards/roll
- Monochrome: 1500 (black) and 1000 cards/roll
- Monochrome colours: black, red, blue, green, silver, gold, white and scratch-off grey

## Card specifications

### Types:

- PVC, PVC composite, adhesive-backed, UHF Gen 2 RFID
- Magnetic Stripe-ISO 7811
- Smart-card contact and contactless

### Card width/length:

- ISO CR-80-ISO 7810, 54mm (2.12") x 86mm (3.38")

### Card thickness:

- 10 mil (0.25mm) to 60 mil (1.524mm) (+/- 10%)

### Card feeder capacity:

- 100 cards (30 mil/0.762mm) or 220 cards (30 mil/0.762mm)

### Card output hopper capacity:

- 100 cards (30 mil/0.762mm)

## Operating characteristics

### Environmental

- Operating temperature: 15°C to 30°C (60°F to 86°F)
- Operating humidity: 20% to 65% non-condensing
- Storage temperature: -5°C to 70°C (23°F to 158°F)
- Storage humidity: 20% to 70% non-condensing
- Ventilation: free air

### Electrical

- 100–240VAC, 50–60Hz (auto-switching)

### Agency Approvals:

- FCC Class A, CE, UL, CUL and CCC
- UHF: FCC 47 CFR Ch.1 Part 15
  - Industrie Canada RSS-21 0
  - ETSI EN 302 208
  - ETSI EN 300 220

## Physical characteristics

### P330i printer

- Width: 462mm (18.2")
- Depth: 239mm (9.4")
- Height: 256mm (10.1")
- Weight: 7.0kg (15.5lb)

### P330m printer

- Width: 462mm (18.2")
- Depth: 239mm (9.4")
- Height: 256mm (10.1")
- Weight: 7.0kg (15.5lb)

### P430i printer

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

## Bar codes

- Code 39, Code 128 B & C with and without check digit
- 2 of 5 and Interleaved 2-of-5
- EAN-8, EAN-13 and UPC-A
- PDF417 2-D bar code and other symbologies can be printed via Windows drivers

## Communications interface

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

## 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

\*Specifications subject to change without notice.

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## Thinking about improving your business with on-demand printing solutions?

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

▶ To find out how your business could benefit from a Zebra solution, please visit [www.zebra.com](http://www.zebra.com), call +44 (0)1628 556 000 or e-mail [mseurope@zebra.com](mailto:mseurope@zebra.com)



### Zebra Technologies – EMEA Headquarters & Sales Office

Zebra Technologies Europe Limited, Dukes Meadow, Millboard Road, Bourne End, Buckinghamshire, SL8 5XF, United Kingdom  
Telephone: +44 (0)1628 556000 Fax: +44 (0)1628 556001 E-mail: [mseurope@zebra.com](mailto:mseurope@zebra.com) Web: [www.zebra.com](http://www.zebra.com)

### Other EMEA Locations

Europe: France, Germany, Italy, the Netherlands, Poland, Spain, Sweden Middle East & Africa: Dubai, South Africa