



P520i™ Card Printers



Reliability, Security, and High Performance in a Single Package

Zebra's rugged P520i is the industry leading single-sided laminating printer that is used in demanding environments by thousands of customers worldwide. With dual-sided printing and single-sided lamination, the P520i delivers the right combination of reliability, performance and affordability for printing more secure, more durable ID cards.



Ideal for

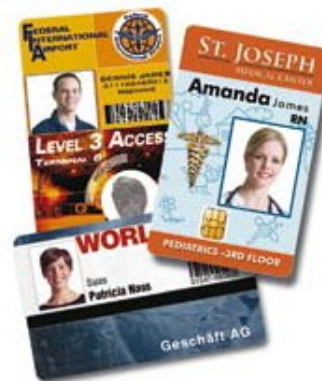
- Secure facility access control cards
- Driver's licenses
- Government and military ID cards
- Law enforcement and correctional facility ID cards
- Transit passes
- Applications requiring long-lasting, tamper-resistant IDs

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.



For more information, visit www.zebracard.com



Specifications at a Glance*

General Specifications

- High speed printing with built in laminator
- Windows® drivers for 98, NT, 2000, XP
- One year printer warranty
- One year (unlimited passes) printhead warranty

Printing

- Color dye sublimation or monochrome thermal transfer printing
 - 100 cards per hour, color front, black back, 1.0 mil laminate**
 - 300 dpi (11.8 dots/mm) print resolution
 - Enhanced fourth generation laminator with auto laminate synchronization
- **Based on average print coverage per card, under certain conditions.

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
- PDF417 2-D bar code and other symbologies can be printed via Windows drivers

Fonts

- Arial and Arial Bold
- TrueType™ fonts via Windows driver

Card Specifications

- Types: PVC, composite PVC (use composite cards when laminating)
- Card width/length: ISO CR-80-ISO 7810, 2.12" / 54 mm x 3.38"/86 mm
- Magnetic Stripe—ISO 7811
- Smart Card contact and contactless
- Card thickness: 30 mil (.76 mm) to 50 mil (1.27 mm)
- Card feeder capacity: 100 cards (30 mil)
- Card output hopper capacity: 100 cards (30 mil)

Electrical

- 110 ~ 230 Volts AC, 50 ~ 60 Hz (auto switching)
- 4 MB image memory standard
- FCC Class A, CE, UL, and CUL approved

Communications interface

- USB 1.1 (USB 2.0 compatible) cable included
- Built-in Ethernet Option

Ribbon specifications

- i Series™ printers require the use of i Series ribbons for full color printing
- YMCKK: 200 cards/roll
- YMCK: 250 cards/roll
- YMCUVK: 330 cards/roll
- Monochrome: 1500 & 1000 cards/roll (black, red, blue, green, yellow, silver, gold, scratch-off gray and white)
- For optimum printer performance use genuine Zebra supplies.



Lamination Specifications

- Laminate for full coverage, magnetic stripe cards, and smart cards
- Clear and holographic options available
- 0.6 mil laminate capacity: 170 cards per roll
- 1.0 mil laminate capacity: 100 cards per roll
- Clear laminate for dual-sided cards (front full coverage and back 1/2 patch for magnetic stripe cards—50 cards)
- Optional custom security features
- For optimum laminator performance use genuine Zebra supplies.

Mechanical

- Width: 26"/660 mm
- Depth: 9.4"/239 mm
- Height: 10.1"/256 mm
- Weight: 20 lbs/9.1 kg

Environmental



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

Options

- Built-in Ethernet
- Smart card contact station (30 mil cards only) for third party external contact encoders)
- Magnetic encoder (30 mil cards only) 3 track HiCo/LoCo
- Cleaning supplies
- Warranty programs (on-site and depot)

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

Reliable and Flexible

- Prints dual-sided or single-sided
- Revolutionary angled card feeder design means fewer rejected cards (patent pending)
- Self-aligning printhead design for consistently uniform print quality

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.

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

*Specifications subject to change without notice.

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