

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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