



Key Features

- » Under 36 Seconds/Card Print & Laminate Speed
- » Full Color Dual-Sided Card Printing with Lamination
- » USB with Parallel or USB with Built-in Ethernet
- » 100 Card Capacity Feeder
- » i Series Printers require the use of TrueColours™ i Series ribbons for full color printing

Rugged, Reliable Card Printing for High Security Applications

For highly secure, laminated photo ID cards, Zebra's P520i is ideal. This robust, dual-sided card printer quickly and easily produces high quality laminated photo ID cards for large volume applications. Its laminating feature adds security, while considerably extending card life and durability.

Use the P520i card printer for:

- » Military ID Cards
- » Secure Facility Access Control
- » Correctional Facility ID Cards
- » Transit Passes

Zebra P520i Advantages

Security: Single or dual-sided hologram lamination, password protection capability

Advanced Color Printing: Enhanced color-processing firmware and new richer color formulation

i Series Intelligent Printing System: Enhanced i Series functionality makes high image quality card printing a simple function for all users. The system features:

- » Advanced RFID Technology
- » Automatic Driver Configuration
- » Intelligent Color Optimization
- » Ribbon Image Counter & Ribbon Low Notification
- » Enhanced Ribbon Formulation

*i*series



Card
Printer
Solutions
Zebra

All About
Cards

P520i Product Specifications



General Specifications

- » High speed printing with built in laminator
- » 100 cards/hour, color front, black back 1.0 mil laminate
- » 4MB image memory standard
- » Windows drivers for 98, NT, 2000, ME, XP
- » One year printer warranty
- » One year (unlimited passes) printhead warranty*

Color Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » Under 36 seconds/card, color front, black back 1.0 mil laminate
- » 300 dpi (12 dots/mm) print resolution
- » Enhanced fourth generation laminator with auto laminate synchronization

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 via Windows drivers

Fonts

- » True Type fonts via Windows driver

Card Specifications

- » Types: PVC, composite PVC (use composite cards for lamination)
- » Card width/length: ISO CR-80-ISO 7810, 2.12" (54mm) x 3.38" (86mm)
- » Magnetic Stripe-ISO 7811
- » Smart Card-ISO 7816-2
- » Card thickness: 30 mil (.76mm) to 50 mil (1.27mm)
- » Card feeder capacity: 100 cards (30 mil)
- » Card output hopper capacity: 100 cards (30 mil)

Electrical

- » 110 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- » FCC Class A, CE, UL and CUL approved

Communications Interface

- » USB with Centronics Parallel
- » Built-in Ethernet Option

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Ribbon Specifications ¹

- » i Series Printers require the use of i Series ribbons for full color printing
- » Monochrome: 1000 & 1500 cards/roll (black, red, blue, green, yellow, silver, gold, scratch off gray and white)
- » YMCK/K: 200 cards/roll
- » YMCK: 250 & 400 cards/roll
- » YMC: 500 cards/roll
- » K DyeSub + O: 500 cards/roll
- » K Resin + O: 500 cards/roll

Note 1: For optimum printer performance use Genuine Zebra Supplies.



Lamination Specifications ²

- » Laminate for full coverage, magnetic stripe cards, smart cards
- » Clear and holographic options available
- » 1.0 mil laminate capacity: 100 cards per roll
- » 0.6 mil laminate capacity: 170 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

Note 2: For optimum laminator performance use Genuine Zebra Supplies

Mechanical

- » Full metal enclosure with viewing window
- » Width: 32.75in (832mm) » Depth: 9.25in (235mm)
- » Height: 10.43in (265mm) » Weight: 47lbs (21.45kg)

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 Ethernet
- » Smart card contact station (30 mil cards only)
- » Magnetic encoder
- » Cleaning supplies
- » Warranty programs
- » Service manual

* optimized for use with Zebra media