



P310i

PERFORMANCE



P310i Card Printer

Basic Specifications:

- » 25 Seconds/Card Print Speed
- » Full Color Single-Sided Card Printing
- » Parallel or USB Interface
- » 75 Card Capacity Feeder
- » *i* Series Printers require the use of TrueColours™ *i* Series ribbons for full color printing

*i*series

Single-Sided Color Card Printer Optimised for Fast Color Printing

The Zebra P310i is an easy to use, reliable, single-sided card printer with convenient features to produce superior quality printing at an affordable price.

Use the P310i card printer to print:

- » Employee ID cards
- » Time and Attendance cards
- » Student ID's and Facilities Access Control cards
- » Club Membership and Loyalty cards

Zebra P310i Advantages

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

Reliable Operation: Based on the highly reliable, field-proven P310 print engine

***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



Card
Printer
Solutions

P310i

Card Printer Product Specifications



General Specifications

- » High speed printing
- » 144 cards/hour for color, single sided (YMCKO)
- » 900 cards/hour for resin black (K)
- » 2MB image memory standard
- » Windows® drivers for 98, ME, NT, 2000 and XP
- » Bi-directional driver communication
- » One year printer warranty
- » One year (unlimited passes) printhead warranty

Color Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » 25 seconds per card full color single sided (YMCKO)
- » 300 dpi (11.8 dots/mm) print resolution

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

Fonts

- » True Type fonts via Windows driver

Card Specifications

- » Types: PVC, PVC Composite
- » 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: 10 mil (.25mm) to 60 mil (1.524mm)
- » Card feeder capacity: 75 cards (30 mil)
- » Card output hopper capacity: 75 cards (30 mil)

Ribbon Specifications

- » i Series Printers require the use of i Series ribbons for full color printing
- » Monochrome: 1500 & 1000 cards/roll
- » Monochrome colors: black, red, blue, green, silver, gold, white and scratch-off grey
- » YMCKO: 200 & 330 cards/roll
- » KdO: 500 cards/roll
- » KrO: 500 cards/roll
- » Overlay varnishes: Clear and Hologram: 350 cards/roll



Communications Interface

- » Centronics Parallel (parallel cable included)
- » USB Option

Mechanical

- » Width: 12.4in (315mm)
- » Depth: 7.75in (198mm)
- » Height: 8.7in (220mm)
- » Weight: 13.4lbs (6.1kg)

Electrical

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

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

- » USB Interface
- » Smart card contact station (30 mil cards only)
- » Magnetic encoder (30 mil cards only)
- » Cleaning supplies
- » Service manual

<http://cards.zebra.com>

*Optimized for use with Zebra media.



Zebra Technologies Corporation



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P420i

PERFORMANCE



Dual-Sided Color Card Printing is Easier and Faster Than Ever

The Zebra P420i card printer is a robust, dual-sided card printer with an LCD display and convenient easy-to-use features for producing high quality, personalized photo ID cards on-demand for high volume applications.

Use the P420i to print:

- » Employee/Student ID cards
- » Time and Attendance cards
- » Access Control cards

Zebra P420i Advantages

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

Reliable Operation: Full metal enclosure and field-proven reliable P310 print engine. Reject hopper separates cards that fail encoding prior to printing

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 Optimisation
- » Ribbon Image Counter & Ribbon Low Notification
- » Enhanced Ribbon Formulation

Basic Specifications:

- » 35 Seconds/Card Print Speed (YMCKOK)
- » Two-line LCD display with printer status and user commands
- » Full metal enclosure with viewing window
- » Full Color or Monochrome Dual-Sided Card Printing
- » Parallel or USB Interface
- » 100 Card Capacity Feeder
- » i Series Printers require the use of TrueColors™ i Series ribbons for full color printing

P420i Card Printer

*i*series



**Card
Printer
Solutions**

P420i

Card Printer Product Specifications



General Specifications

- » High speed printing
- » 102 cards/hour full color, single-sided (YMCKOK)
- » 4MB image memory standard
- » Standard card flip over feature for dual-sided printing
- » Windows® drivers for 98, NT, 2000, ME, XP
- » Bi-directional driver communication
- » One year printer warranty
- » One year (unlimited passes) printhead warranty
- » Pass-code electronic lock

Color Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » 35 seconds per card full color single-sided (YMCKO/K)
- » 300 dpi (11.8 dots/mm) print resolution

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

Fonts

- » True Type fonts via Windows driver

Card Specifications

- » Types: PVC, PVC Composite
- » 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 60 mil (1.524mm)
- » 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 B, CE, UL and CUL approved

Ribbon Specifications

- » i Series Printers require the use of i Series ribbons for full color printing
- » Monochrome: 1500 & 1000 cards/roll
- » Monochrome colors: black, red, blue, green, silver, gold white & scratch-off grey.
- » KdO: 500 cards/roll
- » KrO: 500 cards/roll
- » YMCKOK: 170 cards/roll
- » YMCKO: 200 & 330 cards/roll
- » Overlay varnishes: thermal transfer, clear and holographic overlays available



Communications Interface

- » Centronics Parallel (parallel cable included)
- » USB Option
- » Ethernet Option

Mechanical

- » Width: 20.90in (523mm)
- » Depth: 10.17in (253mm)
- » Height: 10.76in (269mm)
- » Weight: 27.5lbs (12.5kg)

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

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

<http://cards.zebra.com>

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