

Javelin J430i

Performance, Reliability and Expandability in a Dual-sided Card Printer

The Javelin J430i is part of the latest generation of NBS's most popular card printer family. Designed and built for demanding environments, the Javelin J430i delivers reliability and performance for high-volume card production. Expansion options for networking and card encoding give the Javelin J430i the flexibility to meet your specific requirements. Affordable and easy to use, the Javelin J430i a leader in dual-sided performance card printers.

Innovative and Easy-to-Use

- Easy plug and play USB or USB with Ethernet interface simplifies configuration
- Print head 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

High Performance

- Vibrant, true-to-life colours
- High volume card throughput
- Large capacity card feeder available
- Gentle open & close print head latch

Reliable and Flexible

- Print dual-sided or single-sided
- Revolutionary angled card feeder design means fewer rejected cards*
- Self-aligning print head design for consistently uniform print quality i-Series™ functionality
- Automatic colour optimisation and driver configuration
- Enhanced ribbon formulation for optimal colour output
- Ribbon image counter and ribbon low notification

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.

... the answer to easy dual sided printing...



*patent pending

Javelin® J430i Technical Details

Ideal for:

- Employee ID cards
- Student and faculty ID cards
- Access control cards
- Personalised membership and loyalty cards
- Gift cards
- Visitor ID cards
- Government Licences

GENERAL SPECIFICATIONS

- 16-character LCD display
- Windows® drivers for 2000 and XP
- Bi-directional driver communication
- Up to three (3) year printer warranty
- Up to two (2) year (unlimited passes) print head warranty

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)
- 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

CARD SPECIFICATIONS

- Types: PVC, PVC Composite, Adhesive backed
- Card width/length: ISO CR-80-ISO 7810, 2.12" (54mm) x 3.38" (86mm)
- Magnetic Stripe-ISO 7811
- Smart Card contact and contactless
- Card thickness: 10 mil (.25mm) to 60 mil (1.524mm) (+/- 10%)
- Card feeder capacity: 100 cards (30 mil) or 220 cards (30 mil)
- Card output hopper capacity: 100 cards (30 mil)

COMMUNICATIONS INTERFACE

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

RIBBON SPECIFICATIONS*

i-Series™ Printers require the use of i-Series™ ribbons for full colour printing

- YMCKOK: 170 cards/roll
- YMCKO: 200 & 330 cards/roll
- 1/2 Panel YMC Full KO: 450 cards/roll
- KdO: 500 cards/roll
- KrO: 500 cards/roll
- Overlay varnishes: Clear and Hologram: 350 cards/roll
- Monochrome: 1500 (Black) & 1000 cards/roll
- Monochrome colours: black, red, blue, green, silver, gold, white and scratch-off grey

*for optimum printer performance use Genuine NBS Supplies

MECHANICAL

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

ELECTRICAL

- 110 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- 4MB image memory standard
- FCC Class A, CE, UL and CUL approved

ENVIRONMENTAL

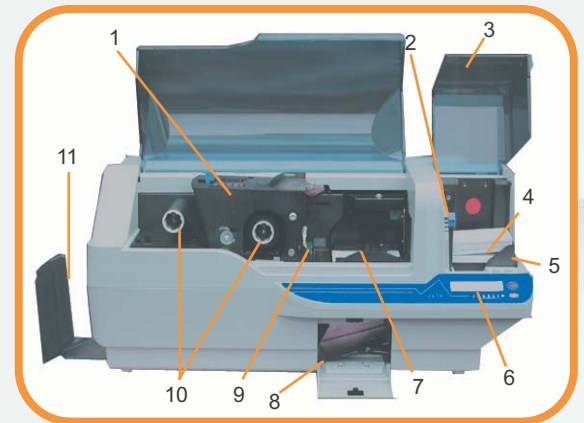
- Operating Temperature: 60°F to 86°F (15°C to 30°C)
- Operating Humidity: 20% to 65% non-condensing
- Storage Temperature: 23°F to 158°F (-5°C to 70°C)
- Storage Humidity: 20% to 70% non-condensing
- Ventilation: Free air

OPTIONS

- Built-in 10/100 Mbps Ethernet
- Smart card contact-ISO 7816 encoder (30 mil cards only)
- Contactless Smart card MIFARE®/DESFire and HID iClass® encoder (30 mil cards only)
- Magnetic encoder (30 mil cards only) 3 track HiCo/LoCo
- High capacity feeder (220 cards)
- Cleaning supplies

GENUINE NBS SUPPLIES

Your choice of card printer supplies is critical. It is a primary factor affecting the reliability and consistency of printing. Genuine NBS Supplies meet stringent quality standards and are tested for optimum performance with Javelin card printers.



1. User replaceable print head
2. Simple card thickness adjuster
3. Covered input hopper
4. Angled card feeder
5. Easy single card feed
6. LCD display panel
7. Flip-over unit
8. Reject card box
9. Automatic cleaning
10. Easy to load ribbon
11. Output hopper



Integral flip-over unit for dual-sided printing



Software drivers for the Javelin J430i Card Printer have been tested to ensure that they meet Microsoft® standards for Windows® compatibility. Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Designed and built to ISO 9001 certification standards. All specifications are subject to change without notice.

Always use TrueColours™ certified media from NBS Technologies



Corporate Headquarters
703 Evans Avenue
Toronto, Ontario
M9C 5E9
Canada
tel: +1 416.621.1911
fax: +1 416.621.8875

North America
10925 Bren Road East
Minneapolis, MN 55343
USA
tel: +1 416.840.8627
fax: +1 416.621.9871

South America
SHIS, QI 15, Conj. 05
Casa 02/04 Lago Sul
Brasilia, DF
Brazil 71.635-250
tel: +55.61.2323.9100
fax: +55.61.2323.9191

Europe, Asia, Africa, Middle East
7 Byfleet Technical Centre
Canada Road
West Byfleet, Surrey
KT14 7NB
United Kingdom
tel: +44 (0) 1932.351531
fax: +44 (0) 1932.351382

Zone Industrielle -
Avenue Villevielle
13106 Rousset Cedex
France
tel.: +33 (0) 42.53.27.72
fax: +33 (0) 42.53.26.41

China
3rd floor, Building No. 4, No. 471
Guiping Road
Caohejing Hi-TECH Park
200233 Shanghai
P.R. of China
tel: +86 (21) 649.595.31/32
fax: +86 (21) 649.595.33

Website: www.nbstech.com
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