ZEBRA

# ZC300 Card Printer

## FLEXIBLE AND SECURE CARD PRINTING WITH GROUND-BREAKING SIMPLICITY

No matter what type of card you need to print — from identity and access to membership, event and credit/debit cards — the ZC300 will help you do it better, faster and easier. Elegant engineering eliminates virtually all pain points associated with card printing. The result is push-button simplicity no matter what you are printing — single or dual-sided magnetic stripe or contactless cards, in color or black and white. And with a ground-breaking fits-everywhere design, you can get secure card printing wherever you need it. The ZC300 Series — card printing made simple.

### THE SIMPLEST CARD PRINTER ON THE PLANET

**Highly graphical LED/LCD interface**
The ZC300 offers highly-intuitive well-tested icons, animations and text-based messages in your own language, allowing any user to easily understand what the printer needs and how to perform virtually any function — including how to clear a printer jam, fix a ribbon, load a ribbon or cards and more.

**Painless plug-and-play deployment**
The ZC300 is designed to work right out of the box. There's no time-consuming complicated set-up — just plug it in and start reaping the benefits the day your printer arrives.

**Groundbreaking new driver with a graphical user interface**
The intuitive interface in the newly-designed driver makes it easier than ever to print cards. Settings are grouped logically into tabs where they are easily accessible with a click. A visual display of your card makes printing simple monochrome and complex color cards equally easy, allowing you to instantly see how your card looks and how setting changes impact card design — eliminating the time and cost to repeatedly print test cards.

**A new ingenious card feeder handles varying card thickness on-the-fly**
The card feeder instantly adjusts to the thickness of each card — no more guessing and adjusting for different card stocks.

**Revolutionary new hopper design**
The completely re-designed hopper makes loading and unloading cards easier than ever. With saloon-style output doors, there's nothing to open — just grab one card or a whole stack of cards. And the input and output hoppers have the same capacity, reducing the need to refill and empty the hoppers.

**Fool-proof ribbon changing**
Changing a ribbon has never been so simple and uncomplicated — no instructions required. The newly designed ribbon door latch unlocks and opens in one motion. The unique door-handle style grip leaves no question about how to remove or insert the ribbon. The snug-fit design has no play or adjacent open areas, so there's never a question about whether the ribbon is installed correctly and in the proper place. And with embedded smartchips, you always know when to change the ribbon.

**Effortless manual card feed**
Manually feeding a card can be complicated — we made it simple with a lightpipe that guides the user through the manual feeding process, the same way that automatic teller machines guide users through their interaction

**We speak your language**
Workers can interact with the ZC300 in their native tongue with support for multiple languages on the LCD display and in the driver — English, Italian, Spanish, Portuguese (Brazilian), German, Polish, Russian, Simplified Chinese and Arabic.

### THE FEATURES YOU NEED TO PRINT THE CARDS YOU WANT

**Flexible card design and easy printing**
With the ZC300, you can print single or dual-sided monochrome and color cards. And no matter what you are printing, with advanced features, you can print dual-sided color cards with complex artwork just as easily as a basic single-sided black and white card.

**Multiple encoding options**
Whether you want to create swipe-and-go magnetic stripe or contactless cards, with the ZC300, it's easy. Right out of the box, you can print cards with magnetic stripes. And with the ZIP Pocket and our new Software Development Kits (SDKs), it's easy to integrate support for practically any 3rd party contactless encoder.

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## GROUND-BREAKING 'FITS EVERYWHERE' DESIGN

### Good looks that fit in anywhere

Even though the ZC300 is built for business, it has the consumer good looks required to fit in customer facing areas, from the retail store to the hospital admission desk.

### Sized to fit wherever you need printing

Your printer shouldn't dictate where you can issue cards — it should fit wherever card printing is needed. From the minimal footprint and the slimmest profile to the lowest clearance in this printer class, the ZC300 is designed to fit in the most possible places — including under a counter or shelf.

### All the connectivity options you need

Connect to one computer through the onboard USB to create a standalone printing station. Use the integrated Ethernet connection to give everyone who needs card printing instant access, maximizing printer usage. And improve deployment flexibility with optional Wi-Fi, eliminating the time and cost to run network cabling to your printers.

### Printer cover lock

The printer cover lock prevents the theft of card stock and rejected cards, providing the security required for installation in public-facing areas.

## ADVANCED SECURITY

### Printer and host authentication

Advanced security features enable printer-to-host authentication to prevent printing from unauthorized applications or devices.

### AES data encryption

Government-grade encryption protects the most sensitive data during printing, such as account numbers.

## BOOST VALUE WITH NEW CAPABILITIES AND THE RIGHT SUPPORT

### Get unmatched value with Print DNA — only from Zebra

The printer hardware is just the start of what you need to maximize the value of your printers. That's why we created Print DNA — because what's inside your printer matters. The Print DNA family of solutions brings unmatched ease of use, ease of integration and security to card printing, streamlining your business processes, improving operational efficiency and reducing development and deployment time and cost.

### Protect your investment with Zebra's superior support services

No matter what level of support you need, there is a Zebra support service that is just right for your business. With Zebra OneCare, no matter what happens to your printer, it's covered. If you just need access to technical support, choose Zebra's Technical Software and Support (TSS). And if you want help setting up and configuring the hundreds of settings on local and remote ZC300 printers, our Install & Configuration Assistance (ICA) Select program provides the support you need.

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# ZC300 Card Printer Specifications

## PRINTER NAME

ZC300 (NA and EMEA)

## STANDARD FEATURES

- 300 dpi (11.8 dots/mm) print resolution
- 2 GB flash memory
- Image size: 1006 x 640 pixels
- Auto calibration of ribbon
- USB 2.0 and Ethernet 10/100 connectivity
- 100 card capacity auto-adjusting input hopper (30 mil)
- 100 card capacity output hopper (30 mil)
- Manual card feeding capability with LED bezel
- Graphical color LCD
- 3 Tricolor printer status indicator lights
- Kensington® secure lock slot
- Print Touch NFC tag for online printer help and documentation access
- Printer host authentication
- Data encryption
- Two-year unlimited warranty on printer and printhead

## PRINTING SPECIFICATIONS

- Dye-sublimation thermal transfer direct to card print method
- Full-color or monochrome printing
- Single and dual-sided printing
- Edge-to-edge printing on standard CR-80 media

Printing throughput (cards per hour) based on batch printing with USB connectivity. Times may vary depending on the computer configuration.

- 900 cards/hour single sided monochrome
- 200 cards/hour single-sided YMCKO
- 140 cards/hour dual-sided YMCKOK
- 450 cards/hour dual sided monochrome

## MEDIA SPECIFICATIONS

**Supplies Specifications:**
NOTE: The ZC300 printer is designed to work only with Zebra genuine ribbons. Ribbons are included in a simple-to-load cartridge.

| Ribbon Description | Cartridge Image Count |
|---|---|
| YMCKO* | 200 |
| YMCKO* | 300 |
| YMCKOK* | 200 |
| ½ YMCKO* | 400 |
| ½ YMCKOKO* | 250 |
| KrO* | 700 |
| KdO* | 700 |
| Black Monochrome* | 2000 |
| Black Monochrome | 1500 |
| White Monochrome* | 1500 |
| Red Monochrome | 1500 |
| Blue Monochrome | 1500 |
| Gold Monochrome | 1500 |
| Silver Monochrome | 1500 |

Ribbon availability may vary by region.

- *Zebra intelligent technology automatically detects and authenticates ribbon
- Cleaning roller is included with each ribbon
- Two available cleaning kit options: your choice of two (2) or five (5) isopropyl alcohol cleaning cards (1,000 images/card)

## MEDIA SPECIFICATIONS (CONTINUED)

**Card Compatibility:**
NOTE: For optimum print quality and printer performance, use of Genuine Zebra supplies is recommended.

- Card Thickness: 10-40 mil
- Card Size: CR80 ISO 7810 ID-1 format, CR79
- Card Material: PVC and PVC composite
- Adhesive back and writable back cards
- Spot color or monochrome printing only on < 20 mil thick cards and CR79 cards

## OPERATING CHARACTERISTICS

| | |
|---|---|
| **Environmental** | Operating Temperature:<br>59° F to 95° F/15° C to 35° C<br>Storage Temperature:<br>23° F to 158° F/-5° C to 70° C<br>Operating Humidity: 20% to 80% non-condensing<br>Storage Humidity: 20% to 90% non-condensing<br>Media Storage:<br>— Temperature: 41° F to 77° F/5° C to 25° C<br>— Humidity: 35% to 65% non-condensing |
| **Electrical** | • Auto-switching single-phase AC power<br>• Operating range: 90-132VAC and 190-264VAC RMS<br>• Frequency range: 47-63 Hz<br>• FCC Class A |

## PHYSICAL CHARACTERISTICS

| | |
|---|---|
| **SINGLE SIDED** | |
| **Dimensions** | 10.2 in. H x 6.2 in. W x 15.1 in. D<br>258 mm H x 157 mm W x 383 mm D |
| **Weight** | 8.8 lbs (4.0kg) |
| **DUAL SIDED** | |
| **Dimensions** | 10.2 in. H x 6.2 in. W x 18.4 in. D<br>258 mm H x 157 mm W x 468 mm D |
| **Weight** | 9.7 lbs (4.4 kg) |

## COMMUNICATIONS AND INTERFACE CAPABILITIES

USB 2.0 — Standard
Built-in 10/100 Ethernet — Standard
802.11ac with MFi — Optional

## ENCODING OPTIONS AND SPECIFICATIONS

- Magnetic stripe encoder — ISO 7811 (new and pre-encoded; tracks 1, 2, and 3; high and low coercivity; stripe down and stripe up with duals-sided printers) *
- Third party contactless encoder integration kit*

*Field upgradeable options

Continued on back

# ZC300 Card Printer Specifications (continued)

## PRINTER DRIVERS

| | |
|---|---|
| **Microsoft Windows Certified** | Windows Server® 2003 (32 bit)<br>Windows Server 2008 (32 and 64 bit),<br>Windows 7 (32 bit and 64 bit)<br>Windows 8 and Win 8 Pro (32 bit and 64 bit compatible)<br>Windows Server 2012 (64 bit)<br>Windows 10 (32 bit and 64 bit)<br>**Windows drivers include:**<br>• Color coded printer status indicators for the operator<br>• Black panel extraction and controls for specialty ribbon panels with image preview<br>• Configuration utility to limit access by operators to change image quality and printer settings<br>• Advanced printer configuration, security settings and diagnostics capabilities |
| **Linux** | Ubuntu |
| **Apple** | iOS 10.2 |

*Please see www.zebra.com for an up-to-date listing of supported systems.*

## ADDITIONAL OPTIONAL FEATURES

- Card flipper for dual-sided printing*
- 10 card reject bin is standard with dual-sided printers*
- Lockable enclosure*

*Field upgradeable options

## PRINT DNA

**Multiplatform Software Development Kit (SDK)**
Windows C#/.Net and Java Printer Software Development Kit (SDK)

- One SDK download supports Android, Java and Windows environments
- Easily build card-printing apps with complete control over print functionality from Windows, Linux, Mac OS and Android environments
- Enable card printing from Android mobile devices
- Incorporate encryption and host authentication
- Includes documentation and source code examples

**CardStudio**
Included with the printer, this simple-to-learn and feature-rich card design software that makes it easy to design loyalty cards, gift cards, ID cards and more.

**Print Touch**
With a single tap, you can use Android-based mobile devices to access how-to and troubleshooting information to help keep printers up, running and available.

**About Print DNA.** Print DNA propels your Zebra Link-OS for Card printers into a class of their own, providing Zebra-only software tools that make life easier for everyone who touches your printers, from printing to printer management and application development.

Features are subject to availability. Specifications are subject to change without notice.

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