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 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 adjusting for different card stocks.

Revolutionary new hopper design
The completely re-designed hopper makes loading and unloading cards easier than ever. With the saloon-style output doors, there's nothing to open — just grab one card or the 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. And with embedded smartchips, you always know when to change the ribbon.

Get the flexible card printer that delivers ground-breaking simplicity and security.
For more information, visit www.zebra.com/zc300 or access our global contact directory at www.zebra.com/contact

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, French, 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.

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 ZC350 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 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.

ZC300 Card Printer Specifications

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 recyclable 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
	*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)

	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 • Transparent cards* • *Note: Spot color or monochrome printing recommended only on >20 mil thick cards, CR79 cards, and transparent cards.

Operating Characteristics

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

Physical Characteristics

Dimensions	**Single Sided** 10.2 in. H x 6.2 in. W x 15.1 in. D 258 mm H x 157 mm W x 383 mm D **Dual Sided** 10.2 in. H x 6.2 in. W x 18.4 in. D 258 mm H x 157 mm W x 468 mm D
Weight	**Single Sided** 8.8 lbs (4.0kg) **Dual Sided** 9.7 lbs (4.4 kg)

Communications and Interface Capabilities

USB 2.0	Standard
Built-in 10/100 Ethernet	Optional

The ZC300 is ideal in many applications, including:

General Access Control

- Employee badges

Education

- Access control cards for identification and facility access for K-12 and higher education campuses

Retail/Hospitality

- Membership cards
- Events and season passes
- Guest and passenger cards
- Food safety labeling

802.11ac	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 (ZIP Pocket)*
- *Field upgradeable options

Printer Drivers

Microsoft Windows Certified	Windows Server 2008 (32 and 64 bit), Windows 7 (32 bit and 64 bit) Windows 8 and Windows 8.1 (32 bit and 64 bit compatible) Windows Server 2012 (64 bit) Windows 10 (32 bit and 64 bit) Windows Server 2016 **Windows drivers include:** • Color coded printer status indicators for the operator • Black panel extraction and controls for specialty ribbon panels with image preview • Configuration utility to limit access by operators to change image quality and printer settings • Advanced printer configuration, security settings and diagnostics capabilities
Linux	Ubuntu 16..X (64 Bit)
Apple	MAC OS X 10.13.X (64 bit)
	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 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 (Windows only)
- Includes documentation and source code examples
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CardStudio
A 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.

Printer Profile Manager Enterprise (PPME)
PPME facilitates the centralized control and management of a large number of Card printers via an intuitive Web interface. This application makes it easy to navigate through all the Card Printer settings and quickly create your printer profiles with just a handful of 'clicks'. Update and manage networked Enterprise Zebra Link-OS printers from a single console automatically with a direct encrypted connection to protect sensitive data.

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.

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