ZC300 Card Printer

Design and print virtually any card 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. If you can dream it, you can print it—single- or dual-sided, color, black and white or with special color effects. You can even embed security marks on the fly—a first for a printer in this price point. Add a magnetic stripe or create a contact or contactless card. No matter how complex your cards are, the ZC300 makes it easy—Zebra's Industrial Design team has elegantly engineered the ZC300 to address and eliminate virtually all pain points associated with card printing. 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.

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.

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—eliminating the time and cost to repeatedly print test cards.

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.

Design and print the cards of your dreams with ground-breaking simplicity.
For more information, please visit www.zebra.com/zc300

We Speak Your Language
Workers can interact with the ZC300 in their preferred language 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.

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.

When it Comes to Card Design, the Sky is the Limit

Easily Print Practically Any Card You Can Imagine
The ZC300 is loaded with advanced card production features. Print what you want, when you want, from just about anywhere—single-or dual-sided, with edge-to-edge coverage in black and white or color. Specialty ribbons[1] offer card design flexibility with special effects, and enhanced card functionality and durability. The long life ribbon adds a highly durable protective layer for cards that will last for three to five years, along with the ability to embed a watermark that can only be seen when the card is tilted at an angle or under UV light, improving security. Make logos, text or account numbers stand out with 3D style effects that can be created with the metallic color ribbon. Further improve security with a pearlescent ribbon that allows you to embed color-shifting graphics that are hard to counterfeit.

Encode it Your Way
Right out of the box, you get support for magnetic stripe, a contact and contactless combination encoder with a Secure Access Module (SAM) socket to create payment cards.

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.

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.

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.

All the Connectivity Options You Need[2]
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.

Boost Value With the Right Support

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 and Configuration Assistance (ICA) Select program provides the support you need.

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[2]
- 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
- Three-year limited 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[3]	250
YMCKLL*	200
YMCPKO*	200
SrDYMCKO*	200
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 (1000 images/card)

Media Specifications

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

*Note: Spot color or monochrome printing recommended only on >20 mil thick cards and CR79 cards

Operating Characteristics

Operating Temp.	59º F to 95º F/15º C to 35º C
Storage Temp.	23º F to 158º F/-5º C to 70º C
Operating Humidity	20% to 80% non-condensing
Media Storage	Temperature: 41º F to 77º F/5º C to 25º 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[2]

USB 2.0	Standard
Built-in 10/100 Ethernet	Standard
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 dual-sided printers)[4,5]
- Combined MIFARE ISO 14443 AandB (13.56MHz) contactless encoder with 1 SAM Slot and optional support for reading iCLASS ISO 15693 and ISO 7816 cards, and ISO 7816 Contact Encoder with EMV level 1 certification, and PC/SC compliance[4,5]
- ISO 7816 Smart Card Contact Station for third party external contact encoders[4]
- EPCglobal Gen 2 UHF RFID encoder[4,5]

Markets and Applications

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

Financial Services
- Credit cards
- Debit cards

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[4]
· 10 card reject bin is standard with dual-sided printers[4]
· Lockable enclosure[4]

Footnotes

1. Specialty ribbon availability varies by region
2. Connectivity option availability may vary by region
3. 1/2 YMCKOKO available in APAC only
4. Field upgradeable options
5. Single-wire communication available

Specifications subject to change without notice.

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