Zebra 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, colour, black and white or with special colour 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 groundbreaking fits-everywhere design, you can get secure card printing wherever you need it.

THE SIMLEST 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 are no time-consuming and complicated set-up procedures to follow - just plug it in and start using its benefits and functionality straight away.

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 stock.

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 colour 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 Replacement

Changing a ribbon has never been easier... in fact, no instructions are needed. With a single movement you can unlock and open the newly designed ribbon

access door. The unique handle design leaves no room for doubt as to how to remove or insert the ribbon. The perfect plug-in design leaves no play or adjacent open areas, so you are always certain that the ribbon is installed correctly and in the right position. And thanks to the integrated smart chips, you always know when it is time to replace the ribbon.

Effortless Manual Card Feed

Manually feeding a card can be a complicated operation, but we have simplified it as much as possible with a light track that guides the user through the manual feeding procedure, in the same way the ATM instructs the user on the steps to perform.

We Speak Your Language

Workers can interact with the ZC300 in their own language with support for multiple languages on the LCD display and in driver: English, Italian, French, Spanish, Portuguese (Brazilian), German, Polish, Russian, simplified Chinese, and Arabic.

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 colour. 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 colour ribbon. Further improve security with a pearlescent ribbon that allows you to embed colour-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.

GROUND-BREAKING "FITS EVERYWHERE" DESIGN

Good Look that Fit in Anywhere

Although the ZC300 is designed for business, it has a consumer product aesthetic that allows it to be placed in customer-facing areas, such as a shop or the reception desk of a hospital.

Sized to Fit Wherever You Need Printing

It should not be the printer that dictates where you print cards, it is you who should be able to put it where you need it. With its small footprint, slimmer profile, and the smallest manoeuvring space in its class, the ZC300 fits into any space - it can even be placed under a counter or on a 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

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.

ADVANCED SECURITY

Printer and host authentication

Advanced security features enable printer

authentication with the host to prevent printing from unauthorised applications or devices.

AES Data Encryption
Government-level encryption protects the most sensitive data during printing, such as account numbers.

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.

ZC100 is ideal for many applications, such as:

Retail and hospitality
- Membership cards
- Event and seasonal passes
- Guest and passenger cards
- Food safety labels Identification

Identification
- Employee badges
- Visitor badges
- Identification and access control in childcare facilities

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 colour LCD
- 3 Tricolour printer status indicator lights
- Kensington® secure lock slot
- Printer host authentication
- Data encryption
- Print Touch NFC tag for online printer help documentation access
- Three-year limited warranty on printer and printhead

Printing Specifications

- Dye-sublimation thermal transfer direct to card print method
- Full-colour or monochrome printing
- Single and dual-sided printing
- Edge-to-edge printing on standard CR-80 media Printing throughout (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 YMCKOKO²	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)

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-format, CR79*
- Card Material: PVC and PVC composite
- Adhesive back and writable back cards

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

Operating Characteristics

Operating Temp.	15°C to 35°C
Storage Temp.	-5°C to 70°C
Operating Humidity	20% to 80% non-condensing

Media Storage	- Temperature: 5°C to 25°C - Humidity: 35% to 65% non-condensing
Electrical	- Auto-switching simple-phase AC power - Operating range: 90-132VAC and 190-264VAC RMS - Frequency range: 47-63 Hz - FCC Class A

Physical Characteristics

Dimensions	Single Sided: 258mm H x 157mm W x 383mm D Dual Sided: 258mm H x 157mm W x 468mm D
Weight	Single Sided - 3,9 kg Dual Sided 4,4 kg

Communications and Interface Capabilities

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)[3, 4]
- 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[3, 4]
- ISO 7816 Smart Card Contact Station for third party external contact encoders[3]
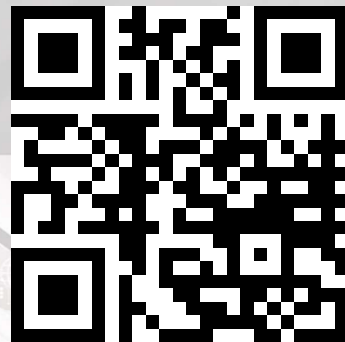- EPCglobal Gen 2 UHF RFID encoder[3, 4]

Printer drivers

Microsoft Windows® Certified	Windows Server 2008 (32 and 64 bit) Windows 7 (32bit and 64 bit) Windows 8 and Windows 8.1 (32 bit and 64 bit) Windows Server 2012 (64 bit) Windows 10 ((32 bit and 64 bit) Windows Server 2016 Windows drivers include: • Colour 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

Footnotes

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

Specifications subject to change without notice.

For easy identification