

ZC100 Card Printer

"One-size-fits-all" design for increased simplicity and safety

Whether you need to print single-sided employee ID cards, or membership and event guest cards, card printing is important to your business. The flexibility of deployment, as well as the time to print and manage card printing solutions, can impact your business in terms of brand image, employee productivity, operational efficiency and operating costs. Now we have a card printer to solve these problems - the ZC100. The ZC100 provides you with simpler operation and a thinner design that "fits everywhere", and also provides a software toolbox with additional features, which makes it easier to integrate, use and manage.



Elegant design, enhanced simplicity

Easy deployment, plug-in available

The ZC100 is ready to use right out of the box. Eliminating many time-consuming and complex installation steps, it is plug-in and ready to use right out of the box.

Advanced card feeder design handles cards of varying thicknesses while on the move

The card feeder adjusts to card thickness — reducing adjustments for different card types.

More intuitive LED

The ZC100 features well-tested, intuitive icons that allow users to quickly check printer status.

Updated drivers to complement the graphical user interface

Excellent driver integration. Intuitive interface design makes card printing simple. We have logically grouped settings in different tabs for easy one-click access. Card visualization allows you to quickly preview the card appearance and understand how setting changes affect the card design, reducing the time and cost of reprinting test cards.

Advanced card slot design

The printer's redesigned card hopper makes card loading and unloading easier and more efficient. The salon-style card output hopper allows for direct access to single or multiple cards. The input and output hoppers have the same capacity, reducing the need to refill and empty the hoppers.

Ribbon replacement, simple and efficient

Changing the ribbon just got easier. The ribbon door latch is designed to unlock and open. The door handle makes it easy to remove or insert the ribbon. And the printer also has an embedded smart chip that lets you know when to change the ribbon.

The ZC100 takes Zebra card printing to the next level.

For more information, visit www.zebra.com/zc100

Manual card feeding, easy and efficient

Manual card entry is a complex operation, but we simplify it using light guides to guide users through the process, similar to how users interact with an ATM under guidance.

Multi-language support

The ZC100 driver supports multiple languages including English, French, Italian, Spanish, Portuguese (Brazilian), German, Polish, Russian, Simplified Chinese and Arabic, allowing workers to interact with it in their native language.

Advanced design for multi-purpose use

Fashionable appearance, suitable for many places

While the ZC100 is a printer solution built for the enterprise, it has a consumer form factor that allows it to be installed in locations with limited space, including under counters or on hospital admissions desks.

Suitable size, can be installed in different locations according to printing needs

The printer should be able to be mounted based on the card printing needs, and the card issuance location should not be limited by the printer's size. The ZC100 has a small footprint, is thin, and has low clearances, so it can be installed in locations with limited space, including under counters or on shelves.

Connectivity options to suit your needs

You can connect the printer to a computer via the onboard USB port to create a separate printing station. Or, you can add an optional Ethernet or Wi-Fi interface to give people who need to print cards quick access to increase printer utilization. Wi-Fi also helps increase deployment flexibility, reducing the time and cost required to run network cables to the printer.

AES data encryption

Strict encryption ensures the confidentiality of data such as account numbers during the printing process.

Fast and flexible printing

Fast single-sided color and monochrome printing

We strive to improve. The ZC100 prints faster in both monochrome and color than its predecessor, the Zebra ZXP1 Series card printer.

Basic encoding options

Choose the encoding option that best fits your needs, whether you're printing employee badges, ID cards, season tickets, membership cards, or credit and debit cards. If you need it, you can also add a swipe-and-pass magnetic stripe encoder.

Driving value with the right support

Zebra's world-class support provides strong investment protection

Zebra offers different levels of support to match your business needs. Zebra OneCare support services cover your printer for a variety of situations. If you just need technical support, choose Zebra Technical Software and Support (TSS). If you need help configuring hundreds of settings on local and remote ZC100 printers, choose the Install and Configuration Assistance Select plan to request the support you need.

Printer cover lock, safe and secure

The printer cover lock prevents card theft and meets the security needs of installation in public areas.

Advanced security features

Printer and host device authentication

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

Specification

Standard Features

• 300 dpi (11.8 dots/mm) print resolution • 2 GB Flash • Image size: 1006 x 640 pixels • Automatic ribbon calibration • USB 2.0 connectivity • Self-adjusting 100-card feed hopper (30 mil) • Output hopper, 100-card capacity (30 mil) • Manual card feed, LED light strip card hopper • 3 tri-color printer status indicators • Kensington <="":> security lock slot • Printer host authentication and data encryption • Print Touch NFC tag and Quick Help QR code for online printer help and documentation access • Three-year limited warranty on printer and printhead

Printing specifications

	• Dye-sublimation thermal transfer DTC (Direct to Card) method • Full color or monochrome printing • Single-sided printing • Borderless printing (standard CR-80 media) Print throughput (cards/hour) is based on batch printing (USB connection). Print times vary based on computer configuration.
YMCKO Full Color Printing:	Single-sided: 150 sheets/hour
Monochrome printing:	Single-sided: 700 sheets/hour

Media specifications

	Supplies Specifications: NOTE: The ZC100 printer is designed to be used with genuine Zebra ribbons. The ribbons are contained in easy-to-load cassettes.
Ribbon Description	Ribbon Cassette Image Count
YMCKO*	200
1/2 YMCKO*	400
Black solid color*	2000
Black monochrome	1500
White solid color*	1500
White solid color	1500
Red monochrome	1500
Blue monochrome	1500
Gold monochrome	1500
Silver solid color	1500
	*Zebra Smart Technology automatically detects and authenticates ribbons • Cleaning rollers included with each ribbon. • Two cleaning kits available: two (2) or five (5) packs of isopropyl alcohol cleaning cards (1,000 images per card)

Operation parameters

Operating temperature	59° F to 95° F/15° C to 35° 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 specifications	• Auto-switching single-phase AC • Operating range: 90–132 VAC and 190–264 VAC RMS • Frequency range: 47–63 Hz • FCC Class A

Physical parameters

size	10.2"H x 6.2"W x 15.1"D (H)258mm x (W)157mm x (D)383mm
weight	8.6 lbs (3.9 kg)

Communication and interface functions

USB 2.0	standard
Built-in 10/100 Ethernet	Optional
802.11ac	Optional

Encoding options and specifications

• Magnetic Stripe Encoder — ISO 7811 (Additive and Pre-encoded; Channels 1, 2, and 3; High and Low Coercivity; Magnetic Stripe Down; Card Thickness Only 30 mils)* * Field Upgradeable Option

Printer Driver

Microsoft Windows Certification	Windows Server 2008 (32-bit 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 Driver Includes: • Color-coded printer status indication for operator convenience • Black panel (special ribbon extraction and control) with image preview support • Configuration utility with limited operator access to change image quality and printer settings • Advanced printer configuration, security settings and diagnostics
Linux	Ubuntu 16..X (64-bit)
Apple	MAC OS X 10.13.X (64-bit)
	Please visit www.zebra.com for an updated list of supported systems
	Lockable enclosure (field upgradeable option)

Markets and Applications

Retail/Hotel Services

- Membership Card
- Event VIP Cards and Season Ticket Cards
- Guest and Passenger Cards
- Food safety labels

ID card

- Employee ID Card
- Visitor badge
- K-12 Student ID Cards and Access Cards

Media specifications

	Card Compatibility: NOTE: Zebra Certified Supplies are recommended to ensure optimal print quality and printer performance. • Card Thickness: 10–40 mil* • Card Sizes: CR80 ISO 7810 ID-1 Format, CR79* • Card Materials: PVC and PVC Composite • Adhesive and Writable Back Cards *NOTE: Spot or Monochrome printing only on cards >20 mil thick and CR79 cards
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斑马技术销售支持热线: **4009201899**

(注: 如果您是铁通用户, 请发邮件至contact.apac@zebra.com咨询)

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