

ZC300 Card Printer

Design and print different cards using a simple process

Whether you print on-demand cards like ID cards, membership cards, event guest cards, credit or debit cards, the ZC300 helps you print better, faster and easier. You can print it all, single-sided or double-sided, in black, white or metallic inks. You can even embed security tags on the go. You can also add magnetic stripes or create contact or contactless cards. Even if your cards may be complex, the ZC300 can print them easily—Zebra's industrial design team carefully designed the ZC300 to solve and reduce many of the challenges associated with card printing. And with an advanced "fit-all" design, you can print cards securely where you need them.



A simpler card printer

Highly graphical LED/LCD interface

The ZC300 provides highly intuitive and tested icons, animations and text-based messages (in your language) that make it easy for different users to understand what the printer needs and how to perform many functions, including how to resolve printer jams, load ribbon, load ribbon or cards and more.

Advanced card feeder design can handle cards of different thicknesses on the go

The card feeder quickly adjusts to different card thicknesses – reducing adjustments for different card types.

Easy deployment, plug and play

The ZC300 is ready to use right out of the box. Eliminate time-consuming and complex installation steps and just plug it in and it's ready to go.

Advanced drivers complement the graphical user interface

The driver is designed to be integrated with an intuitive interface to make card printing simple. We have logically grouped the settings in different tabs for easy one-click access. The friendly card visualization function makes it easy to print simple monochrome cards or complex color cards, allowing you to quickly preview the appearance of the card, reducing the time and cost of repeatedly printing test cards.

Advanced card slot design

The printer's redesigned card hopper makes card loading and unloading easier and more efficient. The card output hopper adopts a box truck design to directly grab a single card or multiple cards. The input and output hoppers have the same capacity, reducing the need to refill and empty the card hopper.

Simple ribbon replacement process

Changing the ribbon is simple, reducing the need for instructions. The ribbon door latch is designed to unlock and open. The door handle makes it easy to know how to remove or insert the ribbon. In addition, this printer has an embedded smart chip that lets you know when to change the ribbon.

Designing and printing the cards you need just got easier.

For more information, visit www.zebra.com/zc300

Multi-language support

The ZC300's LCD display and drivers support 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.

Manual card feeding, easy to use

Manual card entry is a complex operation. We use light tubes to simplify it and guide users to complete the manual card entry operation. The principle is similar to the user's interaction under the guidance of an ATM.

Reduce card design constraints

Lets you easily print almost any design you can think of

The ZC300 is packed with advanced card creation capabilities. You get the flexibility to print single-sided, dual-sided or borderless, monochrome and color, as needed, with ribbons that offer spot colors and special effects. For example, you can use pearlescent ribbons to embed color-shifting graphics that are difficult to forge for added card security. With metallic ribbons, logos, text or account numbers can stand out in 3D. And the ribbons are built to last, with two advanced features. You can embed watermarks that are only visible when tilted or under UV light for added security. Or you can add a highly durable protective layer to create cards that last for years.

Custom encoding

Out of the box, the printer supports the addition of a magnetic stripe, a combined contact and contactless encoder, and a secure access module (SAM) socket, allowing users to easily create payment cards.

Advanced design suitable for multiple applications

Printer cover lock

The printer cover lock prevents card stock theft and unsupported cards, meeting the security needs of installations in public areas.

Suitable size, can be installed in the corresponding position according to printing needs

Printers should be able to be mounted based on card printing needs, and card issuance locations should not be limited by the printer's location. The ZC300's small footprint, thin profile, and low clearances allow it to be mounted in more locations, including under the counter or on a shelf.

Multiple connection options to suit your needs

You can connect the printer to a computer via onboard USB to create a separate print station. Integrated Ethernet connectivity provides quick access for card printing users to increase printer utilization. Optional Wi-Fi also helps increase deployment flexibility, reducing the time and cost of running network cables to the printer.

Advanced security features

Printer and host device authentication

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

AES data encryption

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

Driving value with the right support

Fashionable appearance, suitable for many places

While the ZC300 is a printer solution built for the enterprise, it has a consumer form factor that allows it to be installed in customer-facing areas from retail stores to hospital admissions desks.

Zebra's world-class support provides strong investment protection

Zebra offers support services that fit your business. If you have a problem with your printer, Zebra OneCare support services have you covered. 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 ZC300 printers, choose Installation and Configuration Assistance (ICA) Choose a plan to request the support you need.

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 and Ethernet 10/100 connectivity • Self-adjusting 100-card input hopper (30 mil) • Output hopper, 100-card capacity (30 mil) • Manual card feed with LED light strip card hopper • Graphical color LCD display • 3 tri-color printer status indicators • Kensington < "-:; ;">< ;"-:; "> security 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 DTC (direct to card) method • Full color or monochrome printing • Single and dual-sided printing • Borderless printing (CR-80 media) Print throughput (cards/hour) Based on batch printing (with USB connection). Times may vary depending on computer configuration. • 900 cards/hour (single-sided monochrome printing) • 200 cards/hour (single-sided YMCKO full color printing) • 140 cards/hour (duplex YMCKOK printing) • 450 cards/hour (duplex monochrome printing)
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Media specifications

Consumables specifications	注意：ZC300 打印机需搭配 Zebra 认证的耗材。碳带包含在易于装载的可回收碳带盒中。
碳带说明	碳带盒影像计数
YMCKO*	200
YMCKO*	300
YMCKOK*	200
½ YMCKO*	400
½ YMCKOKO*	250
YMCKLL*	200
YMCPKO*	200
SrDYMCKO*	200
KrO*	700
KdO*	700
黑色单色*	2000
黑色单色	1500
白色单色*	1500
红色单色	1500
蓝色单色	1500
金色单色	1500
银色单色	1500

物理参数

尺寸	单面 10.2 英寸 高 x 6.2 英寸 宽 x 15.1 英寸 深 258 毫米（高）x 157 毫米（宽）x 383 毫米（深） 双面 10.2 英寸 高 x 6.2 英寸 宽 x 18.4 英寸 深 258 毫米（高）x 157 毫米（宽）x 468 毫米（深）
重量	单面 8.8 磅（4.0 千克） 双面 9.7 磅（4.4 千克）

通信和接口功能

USB 2.0	标准
内置 10/100 以太网	标准
802.11ac	可选

编码选项和规格

磁条编码器——ISO 7811（预编码；码道 1、2 和 3；高矫顽力和低矫顽力；磁条向下和向上；支持双面打印的打印机） ^{3、4} • 结合 MIFARE ISO 14443 A 和 B (13.56 MHz) 非接触式编码器与 1 个 SAM 插槽，可选支持读取 iCLASS ISO 15693 和 ISO 7816 卡；ISO 7816 接触式编码器符合 EMV 1 级认证，符合 PC/SC 标准^{3、4} • ISO 7816 智能卡接触式站点，支持第三方外部接触式编码器³ • EPCglobal Gen 2 UHF RFID 编码器^{3、4}

打印机驱动程序

Microsoft Windows 认证	Windows Server 2008（32 位和 64 位） Windows 7（32 位和 64 位） Windows 8 和 Windows 8.1（可兼容 32 位和 64 位系统） Windows Server 2012（64 位） Windows 10（32 位和 64 位） Windows Server 2016 Windows 驱动程序包括： • 方便操作人员查看的颜色编码打印机状态指示 • 黑色面板（专用碳带面板的抽取和控制），且支持图像预览 • 配置实用工具限制操作人员访问以更改图片质量和打印机设置 • 先进的打印机配置、安全设置和诊断功能
Linux	Ubuntu 16..X（64 位）
Apple	MAC OS X 10.13.X（64 位）
	请访问 www.zebra.com ，了解近期的支持系统列表。

附加选装功能

• 证卡翻转器，方便双面打印³ • 双面打印机标配 10 卡废卡箱³ • 可锁式机壳³
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市场和应用

通用访问控制

- 员工证章

教育

- K-12 学级和高等教育学校的身份证卡和设施门禁卡

零售/酒店服务业

- 会员卡
- 活动贵宾卡和季票
- 宾客卡和乘客卡
- 食品安全标签

金融服务

- 信用卡
- 借记卡

Media specifications

	碳带供应情况可能因地区而异。 • *Zebra 智能技术自动检测并验证碳带 • 每个碳带内含清洁辊 • 两个清洁组包可选：两 (2) 个或五 (5) 个装异丙醇清洁卡（每卡 1,000 张图片） 证卡兼容性： 注意：建议使用 Zebra 认证耗材以确保更佳打印品质和打印机性能。 • 证卡厚度：10-40 密耳* • 证卡尺寸：CR80 ISO 7810 ID-1 格式，CR79* • 证卡材料：PVC 和 PVC 复合材料 • 带背胶和背面可写证卡 *注意：仅限在厚度 >20 密耳的证卡和 CR79 证卡上专色或单色打印
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脚注

1. 专用碳带的可用性因地区而异 2. 1/2 YMCKOKO 仅在亚太地区提供 3. 现场可升级选项 4. 单线通信可用 以上规格如有更改，恕不另行通知。

操作特性

工作温度	59° F 至 95° F/15° C 至 35° C
存储温度	23° F 至 158° F/-5° C 至 70° C
工作湿度	20% 至 80%（无冷凝）
媒介存储	— 温度：41°F 至 77°F/5°C 至 25°C — 湿度：35% 至 65%（非冷凝）
电气规格	• 自动切换单相交流电 • 操作范围：90-132 VAC 和 190-264 VAC RMS • 频率范围：47-63 赫兹 • FCC A 类

了解更多产品和行业应用：www.zebra.com

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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