

Zebra ZC100 Card Printer

NEXT-GENERATION SIMPLICITY AND SAFETY IN A "FIT- EVERYWHERE" DESIGN

Card printing is a key aspect of your business, for example when you need to print front-only cards such as employee ID badges or membership cards or guest passes for events. The flexibility of application and the time it takes to print and manage card solutions have an undoubted impact on your business in terms of brand image, staff productivity or. Now there is a new type of card printer designed to meet all these needs: the ZC100. With this printer you can count on unprecedented ease of operation, a compact design that fits in any space, and a host of advanced features that make the ZC100 even easier to integrate, use and manage. ZC100 - simply the best single-sided card printer around.



ELEGANTLY ENGINEERED FOR
GAME-CHANGING SIMPLICITY

Painless plug-and-play deployment

The ZC100 is designed to be ready to use 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.

The most intuitive LEDs
With our intuitive icons, the result of extensive testing, your users only need a quick glance to check the status of the ZC100.

New innovative driver with graphical user interface

The newly designed intuitive driver interface makes card printing easier than ever. Settings are logically grouped into tabs and easily accessible with one click. The visual representation of the card makes it possible to instantly check its appearance and see how it changes depending on the settings applied, thus eliminating the time and cost associated with the

need to repeatedly proof card printing.

Brand new hopper design

With the new, completely redesigned hopper, loading and unloading cards is easier than ever. Thanks to the 'saloon-style' exit doors, there is nothing to open - just take a single card or the entire stack.

In addition, the input and output binders have the same capacity, so the need to replenish and empty them is reduced.

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 absolutely 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 ZC100 in their own language thanks to driver support for several languages: English, Italian, French, Spanish, Portuguese (Brazilian), German, Polish, Russian, simplified Chinese and Arabic.

GROUND-BREAKING "FITS EVERYWHERE" DESIGN

Good look that fit in anywhere

Although the ZC100 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 ZC100 fits into any space - it can even be placed under a counter or on a shelf.

All the connectivity options you need

Connect a single computer via the integrated USB interface to create a stand-alone print station. Or, add optional Ethernet or Wi-Fi connectivity to provide instant access to the printer for anyone who needs to print cards, optimising device utilisation.

With Wi-Fi you can also improve installation flexibility by avoiding the need to run network cables to the printers, thus eliminating the associated time and cost.

Printer cover lock

The printer cover lock prevents cards from being stolen, thus providing the necessary security for installations in public places.

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.

FAST AND FLEXIBLE PRINTING

Fast printing for both monochrome and colour front sides. We've taken a great product and made it even better. The ZC100 prints faster – up to 30% faster in black and white and up to 15% faster in colour – than its predecessor, the Zebra ZXP Series 1 card printer.

Basic Encoding Options

For any type of output – employee badges, ID cards, seasonal passes or membership cards, or credit and debit cards – you can choose the encoding option you desire. Add a magnetic stripe during printing for "swipe" cards. Or, use the ZIP Pocket integration kit with our new Software Development Kits (SDKs) to easily add a contactless encoder from another brand and create contactless cards in "pass-through" mode.

INCREASE THE VALUE OF YOUR
PRINTER WITH NEW FEATURES
AND THE RIGHT SUPPORT
SERVICE

**Get unmatched value with
Print DNA – an exclusive
Zebra offering**

Printer hardware is just the foundation of what you need to maximize the value of your printers. That's why we created Print DNA: because what's inside the printers matters. The Print DNA solution line adds features of absolute value to card printing in terms of ease of use, integration, and security, enabling you to optimize business processes, improve operational efficiency, and reduce development and implementation time and costs.

**Protect your investment
with top-tier support
services**

Regardless of the level of assistance you need, you'll find the right Zebra support service for your business. With Zebra OneCare, no matter what happens to your printer, we've got you covered. If you simply need access to technical support, choose Zebra's TSS (Technical Software & Support) service. If you need help installing and configuring hundreds of settings for multiple local and remote ZC100 printers, our Select ICA (Install & Configuration Assistance) program offers a truly comprehensive assistance service.

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 connectivity
- 100 card capacity auto-adjusting input hopper (30 mil)
- Manual card feeding capability with LED bezel
- 3 Tricolour printer status indicator lights
- Kensington® secure lock slot
- Printer host authentication and data encryption
- Print Touch NFC tag and Quick Help QR code 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-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.

YMCKO:	Single-Sided: 150 cph
Monochrome:	Single-Sided: 700 cph

Media Specifications

Supplies Specifications:

Note: The ZC100 printer is designed to work only with Zebra genuine ribbons. Ribbons are included in a simple-to-load cartridge.

Ribbon Description	Cartridge Image Count
YMCKO*	200
½ YMCKO*	400
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-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
Operating Humidity	20% to 80% non-condensing
Media Storage	<ul style="list-style-type: none"> - Temperature: 5°C to 25°C - Humidity: 35% to 65% non-condensing
Electrical	<ul style="list-style-type: none"> - 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	258 mm H x 157 mm W x 383 mm D
Weight	3,9 kg

Communications and Interface Capabilities

USB 2.0	Standard
Built-in 10/100 Ethernet	Optional
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; 30 mil cards only).*
- *Field upgradeable options

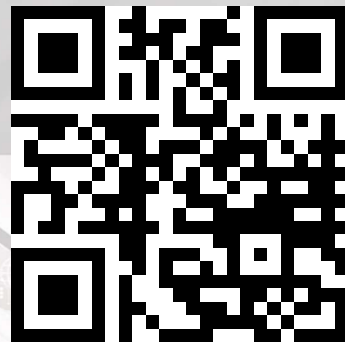
Printer drivers

Microsoft Windows® Certified	Windows Server 2008 (32 and 64 bit) Windows 7 (32bit and 64 bit) Windows 8 and Windows 8.1 (32
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	bit and 64 bit) Windows Server 2012 (64 bit) Windows 10 ((32 bit and 64 bit) Windows Server 2016 Windows drivers include: <ul style="list-style-type: none"> • 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.

Lockable enclosure (field upgradeable option)



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