ZC100 Card Printer

Next Generation simplicity and security in a ‘fit everywhere’ design

Whether you need to print single-sided employee identity badges or membership and event guest cards, card printing is a crucial aspect of your business. Deployment flexibility and the time it takes to print and manage your card printing solutions all have an impact on your business — from your brand image to staff productivity, overall operational efficiency and operating costs. Now, there’s a new kind of card printer designed to address it all — the ZC100. You get groundbreaking simple operation and the slimmest fit-everywhere design, along with a toolbox of additional capabilities that make the ZC100 even easier to integrate, use and manage.



Elegantly Engineered for Game-Changing Simplicity

Painless Plug-and-Play Deployment
The ZC100 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.

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.

The Most Intuitive LEDs
With our well-tested intuitive icons, a quick glance is all it will take for your users to see the status of the ZC100.

Innovative 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 allows you to instantly see how your card looks and how setting changes impact card design — 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. Unlock and open the newly designed ribbon door latch in one motion. The unique doorhandle 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.

Step up to the Next Generation in card printing with the ZC100.
For more information, visit www.zebra.com/zc100

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.

We Speak Your Language
Workers can interact with the ZC100 in their native tongue with driver support for multiple languages — English, French, Italian, Spanish, Portuguese (Brazilian), German, Polish, Russian, Simplified Chinese and Arabic.

Ground-Breaking 'Fits Everywhere' Design

Good Looks That Fit in Anywhere
Even though the ZC100 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 ZC100 was designed to fit in the most possible places — including under a counter or shelf.

All the Connectivity Options You Need
Connect to one computer through the onboard USB to create a standalone printing station. Or, add optional Ethernet or Wi-Fi to give everyone who needs card printing instant access, maximizing printer usage. And improve deployment flexibility with Wi-Fi — the time and cost to run network cabling to your printers is eliminated.

Printer Cover Lock
The printer cover lock prevents the theft of card stock, providing the security required to install in public-facing areas.

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.

Fast and Flexible Printing

Fast Single-Sided Color and Monochrome Printing
We took a good thing and made it better. The ZC100 prints up to 30% faster in monochrome and 15% faster in color than its predecessor, Zebra's ZXP Series 1 card printers.

Basic Encoding Options
Whether you are printing employee badges, ID cards, season passes and membership cards or credit and debit cards, you can choose the encoding option of your choice. Add a 'swipe-and-go' magnetic stripe when you print cards.

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 ZC100 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 connectivity
• 100 card capacity auto-adjusting input hopper (30 mil)
• 100 card capacity output hopper (30 mil)
• Manual card feeding capability with LED bezel
• 3 Tricolor 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 and documentation access
• 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-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.
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
1/2 YMCKO*	400
Black Monochrome*	2000
Black Monochrome	1500
White 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:

Operating Characteristics

Operating Temp.	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	• 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	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
Weight	8.6 lbs (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 (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
	Lockable enclosure (field upgradeable option)

Markets and Applications

Retail/Hospitality

• Membership cards
• Events and season passes
• Guest and passenger cards
• Food safety labeling

Identification

• Employee badges
• Visitor badges
• K-12 identification and facility access

Media Specifications

	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.

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
zebra.com/locations
la.contactme@zebra.com

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