
Zebra P430i Card Printer

Frequently Asked Questions

Zebra Technologies Corporation
Card Printer Solutions
1001 Flynn Road
Camarillo, CA 93012 USA
Phone: (805) 579 -1800
Fax: (805) 579 -1808
www.zebracard.com

Does it use a unique driver?

The P430i uses a unique, Microsoft® certified driver that will co-exist with other Zebra drivers and printer drivers from other companies.

Can I use the same media I am using today?

P430i printer uses the same i Series media available for other i Series printers, like the P330i.

Part Number	Description
800015-448	6 Panel Color Ribbon - 170 images* (3 Dye Sub, 1 Blk Resin, 1 Clear Overlay, 1 Blk Resin - YMCKOK)
800015-440	5 Panel Color Ribbon - 200 images* (3 Dye Sub, 1 Blk Resin, 1 Clear Overlay - YMCKO)
800015-540	5 Panel Color Ribbon - 330 images* (3 Dye Sub, 1 Blk Resin, 1 Clear Overlay - YMCKO)
800015-480	5 Panel Color Ribbon - 200 images* (3 Dye Sub, 2 Blk Resin - YMCKK)
800015-445	4 Panel Color Ribbon - 250 images* (3 Dye Sub, 1 Blk Resin - YMCK)
800015-450	2 Panel Black Ribbon - 500 images* (1 Black Sub. with 1 Clear Overlay - KdO)
800015-460	2 Panel Black Ribbon - 500 images* (1 Black Resin with 1 Clear Overlay - KrO)
800015-547	1/2 Panel YMC Full KO Ribbon - 450 images* (3 Dye Sub 1/2, 1 Blk Resin, 1 Overlay - 1/2 YMC Full KO)
800015-101	Black - 1000 images
800015-301	Black - 1500 images
800015-501	Premium Black - 1000 images
800015-102	Red - 1000 images
800015-103	Green - 1000 images
800015-104	Blue - 1000 images
800015-106	Gold - 1000 images
800015-107	Silver - 1000 images
800015-109	White - 1000 images
800015-185	Scratch-Off Gray - 840 images
	*i Series print ribbons includes Cleaning Roller Replacement

Will it work with my software application?

Yes. The P430i printer is tested with the leading software applications; Number Five CardFive, Synercard AssureID, Screencheck Badgemaker, Imageware EPISuite.

Why the angled-feeding?

The angled feeding allows the weight of the cards to apply pressure to the leading edge of the bottom card in the stack. This increases the friction force between the bottom card surface and the card feeder belt.

Why is the printhead “loose”?

The P430i printhead is not loose. It is designed to gimbal, or move on a pivot, to align the printhead with the platen roller. By properly aligning the printhead with the platen roller, more uniform pressure will be applied to the card, resulting in a consistent quality on the printed card.

What are the supported card types and thicknesses?

The P430i printer will support PVC and composite PVC cards with a thicknesses of 10 to 60 mils thick with a tolerance range of $\pm 10\%$.

How do you single-feed?

The P430i is capable of operating in a single feed mode or running a single card occasionally. The input hopper must be free of cards. The card is inserted in the slot at the lower right edge of the hopper. To change the feeding mode to single card feed only, select the option in the driver. Once programmed to operate in this mode, the printer will wait for a card to be fed after a print job has been sent.

How do I print UV?

UV printing is not supported on this printer. Please use a Security Line printer, like the P640i printer.

How do I print with the ½ panel color ribbon?

P430i has a ½ panel ribbon that has ½ size panels of YMC and full size panels of K and O. ½ panel color ribbon is automatically detected through the i Series identification tag. The card design must have color data in only the left or right most 37mm (1.47 in) side of the card. If the color data is in the right side, change the 180° rotation to Front. This is a driver setting in the Printing Preferences tab. Any color data outside of this region will not be printed. The card design can have Black data across the whole width of the card.

Is the cleaning and maintenance routine different from the P330i?

No. The cleaning and maintenance are the same for all Zebra printers. However, we support the new patent pending cleaning card from the P330i, designed to improve the cleaning of the card transport rollers.

Is the i Series functionality the same as the P330i engine?

Yes, P430i i Series functionality is the same as all i Series printers.

What are the LCD messages I can expect to see and what do they mean?

Numerous LCD messages are programmed into the P430i printer. The display will signify when the printer is out of cards or ribbon; and display operational messages like downloading data, printing or encoding; as well as error messages like mechanical. For a full list, please refer to your P430i User's Manual.

What are the unique spares for the P430i printer?

The P430i has some new and unique parts. The enclosure, flipover station and main PCBA are unique to the P430i. Please consult your P430i Spare Parts list for a complete list, including part numbers and pricing.