

Zebra ZT421 Metal Industrial Barcode Printer, 203 DPI, USB+RS232+LAN+BT

The ZT400 offers advanced technology that drives versatility, ease of use and performance to a new level. Available in three print resolutions and two print widths, the ZT400 Series addresses a broad array of applications throughout manufacturing, transportation and logistics, retail and more. Although this is an industrial printer, it is also suitable for smaller spaces thanks to its compact dimensions. The printer can be supplied in several configurations including the extension of encoding RFID labels.

The Zebra ZT400 Series is designed to be user-friendly. It has a multi-line, symbol-based 4.3" touch colour display and clearly arranged function keys. This promises professional printing in production lines, packaging and shipping labels, in-store and healthcare. Inside the industrial-capable housing with a metal frame sits a highly-developed direct thermal/thermal transfer print machine, which ensures for large label throughput, thanks to its incredible printing speed. With up to 356 mm per second the ZT411 is one of the tops in its class. The larger ZT421 also has an impressive speed of up to 305 mm per second.



With the ZT400 Series you print labels and tags with widths between 25 and 114 mm (ZT411), or 51 to 178 mm (ZT421). Loading and changing media is very easy, thanks to the hinged lid. Thanks to the large viewing window you always have the remaining material in plain sight. Print head failure detection and recording of the print head serial number, time stamp, and odometer add extra security. Under poor lighting conditions the illuminated media and ribbon paths provide enough light inside the printer for users to make the necessary changes. In addition, the printers have adjustable, transmissive and reflective sensors.

The range of available printing resolutions (203 and 300 dpi, as well as 600 dpi for the ZT411), XML-compatible printing and RFID functions allow easy integration of the ZT411 midrange printers into a variety of applications. The supported programming languages ZPL, ZPLII and EPL ensure for communication with already existing system and software applications in a network. Wherever and however you use the ZT411 printers, the large number of interfaces and connectivity options ensure smooth operation. They come standard with a USB and an RS-232 interface, two USB host ports and an Ethernet port for network functions, as well as Bluetooth 4.1. Optionally use the two free media slots for a bi-directional parallel port, a second network card or 802.11 a/b/g/n Wi-Fi. NFC support and emergency assistance expand the capacity of the printer series.

The printers of the ZT400 Series are optimised for use with the Zebra Link-OS software environment. Link-OS comprises a software development kit and numerous practical applications for remote maintenance and printer management. The open printer architecture allows enough leeway for growing needs and future applications. Additionally, Zebra offers numerous optional media holders for a perfect fit in any application, as well as an 802.11ac WLAN card and an applicator port card.

Key features ZT421:

- print speed of 14 IPS
- 6 in. model
- easy media loading
- Easy operation
- Support Zebra LinkOS
- LCD display
- durable construction



Technical Description

Functionality & Operation	
Print speed	305mm/sec
Maximal print width	168mm
Print resolution	203dpi
Maximal print length	2591mm
Communication interface	USB, RS232, Ethernet
Wireless communication	Bluetooth®
Touch-screen panel	Yes
1D Barcode Symbolologies	All standard one-dimension barcodes
2D Code Symbolologies	all standard 2D-Codes
Print mode	thermal-transfer, direct thermal
Memory	256MB, 512 MB on-board linear Flash memory
Display type	LCD color
Commands set	Zebra Programming Language ZPL®, ZPL II®, EPL™ Programming Language, ZBI 2.0, EPL2™
Optical	
Sensors	proximity sensor, transmissive
Electrical	
Power Source	100-240V, 50-60Hz
Power Source	
Mechanical	
Dimensions	Width: 336mm, Height: 324mm Length: 495mm
Weight	18.14kg
Consumables	
Maximal paper width	178mm tear/cutter
Maximal paper width	171mm peel/rewind
Ribbon width	51 to 174mm
Ribbon core diameter	25mm
Maximal roll diameter	203mm
Media type	notch, continuous, black-marked media
Max. ribbon length	450m
Media thickness	0.058 to 0.25mm
Media core diameter	to 76 mm
Environment	
Operating temperature	5 to 40°C
Storage temperature	-40 to 60°C
Storage humidity (non-condensing)	5 to 85
Operating humidity (non-condensing)	20 to 85%
Others	

Warranty

2 years

Certifications

cTUVus, FCC (Class B), ICES-003 Class B, VCCI, C-Tick, NOM, CCC, BSMI, KCC, SABS , IN-Metro, CE Marking, S-Mark, CU

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