



# ZT400 Series

ZT411 | ZT421 off-line printers



Clearmark



# ZT400 Series



## Take performance to the next level.

Keep your critical operations running efficiently with Zebra's durable ZT400 Series printers. 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. You can easily see printer status at a glance and manage settings quickly using the large colour touch display. Field-installable connectivity, media handling and RFID options let you easily add new features as your needs evolve.

### Versatile to meet your evolving needs

Drive productivity with the ZT400 Series. Constructed with an all-metal frame and bi-fold door, these printers are durable and allow easy access. The 4.3-inch full-colour touch display with intuitive interface makes them easy to use, and shows colour-coded printer status alerts. Configure your printer your way with advanced technology, along with two open communication slots. These printers keep your critical operations running efficiently today, and give you the flexibility to add features in the future as you need them.

- › Effortless to integrate and operate
- › 24/7 reliability in the harshest environments
- › User-friendly setup, use, maintenance & troubleshooting
- › Highly adaptable, future-ready platforms



## Support services you can depend on

As Clearmark has been awarded full Zebra Printer Repairs Specialist status, we have access to additional Zebra products and services that other suppliers do not, allowing us to provide our customers with a complete service. Furthermore, our UK based network of long-serving engineers are trained to Zebra's high standards on hardware and software so we truly understand the machine and its capabilities enabling us to provide exceptional, creative solutions for our customers.

## 20 years of expertise

For over 20 years we've made it our mission to deliver more than simply a printer out of the box, we design and create innovative solutions to meet all of your coding challenges.



## Effortless to integrate and operate

### Large colour touch display makes operation a snap

It's easy to set up and use the ZT400 with its intuitive icon-based interface. The 4.3-inch full-colour touch display allows you to quickly navigate printer settings with the user friendly icon menu system to change languages, printer settings, connectivity options and more. See colour-coded alerts from a distance when the printer is paused or in an error state, so you instantly know what the printer needs to stay up and running.

### Configure your way with multiple connectivity options

The ZT400 comes standard with Ethernet, Serial, USB, dual USB Host and Bluetooth 4.1. Add the optional dual-band wireless card with 802.11ac Wi-Fi and Bluetooth for blazing fast and reliable wireless connections.

### Built to handle a wide range of media and applications

You can count on the ZT400 to print a variety of different label formats on a variety of different media types. The printer is offered in both 4 inch and 6 inch models, with 203 dpi, 300 dpi and 600 dpi\* (600 dpi available on 4 in. ZT411 only). Add factory- or field-installable RFID technology to print and encode labels for greater tracking abilities and deeper visibility. Select Zebra's exclusive ZT411 RFID On-metal Tagging Solution, which is the only dedicated option for printing and encoding thicker RFID labels for metal containers and assets.

## Easy to manage

### Rugged durability for demanding applications

You can count on the ZT400 Series to serve your business for years. Its durable metal frame holds up in the most demanding environments, while a long life coating protects the printheads when printing in direct thermal mode, reducing the need to replace printheads. Ensure optimal print quality with the printhead element out detection feature.

## Performance you can count on

### Zebra Print DNA — transforming printers from the inside

The printer hardware is just the start of what you need to maximise the value of your printers. The ZT400 is powered by Link-OS, Zebra's robust printer operating system, and Print DNA, a combination of productivity, management, development and visibility tools. The result is a superior printing experience through better performance, simplified remote manageability and easier integration.

### Easily manage all your printers — all from a single location

With our comprehensive and flexible remote management tools, you can maintain, secure and troubleshoot printers simply and easily, from anywhere, at anytime. With Printer Profile Manager Enterprise, a Print DNA option, you can manage one printer, a group of specific printers or all your printers anywhere in the world. This browser-based solution lets you instantly discover every Link-OS printer on your network — there's no need to manually track down, configure or troubleshoot printers.

### Seamless integration with your device management system

Get the simplicity of a single pane of glass to manage all of your Zebra devices and printers — including the ZT400 Series. With Print DNA's MDM Connectors, you can easily integrate networked ZT400 Series printers into your existing AirWatch or SOTI MobiControl device management system.



## Services



### Consumables

- Zebra certified consumables
- Next day delivery



### Repairs

- Printer repair specialists
- Dedicated in-house team



### Service plans

- Affordable routine, scheduled and preventative maintenance



**REGISTERED RESELLER**

Print Engines Specialist

Printer Repair  
Specialist

# ZT400 Series Specification

## Printer

Resolution	203dpi/8 dots per mm 300dpi/12 dots per mm (optional) 600dpi/24 dots per mm (optional for ZT411 only)
Memory	256MB SDRAM memory 512MB on board linear Flash memory
Maximum print width	ZT411: 104mm ZT421: 168mm
Maximum print speed	ZT411: 14 ips/356mm per second ZT421: 12 ips/305mm per second
Media sensors	Adjustable dual media sensors: transmissive and reflective
Print length	ZT411 - 203dpi: 3988mm - 300dpi: 1854mm - 600dpi: 991mm  ZT421 - 203dpi: 2591mm - 300dpi: 1143mm

## Ribbon

Ribbon width	ZT411 - 51mm to 110mm  ZT421 - 51mm to 174mm
Ribbon length	4500mm

## General

Thermal transfer and direct thermal printing	Metal frame and bi-fold metal media cover with viewing window
Side-loading supplies path for simplified media and ribbon loading	Thin film printhead with E <sup>3</sup> Element Energy Equaliser for superior print quality
4.3 inch colour display with intuitive menu for quick operation	Job selection and database support as standard
Bi-coloured status LEDs for quick printer status	ENERGY STAR qualified

## Software

CLARISOFT® Image Design Software	Auto best before date calculation and concession management
Full downloadable font support for Windows TrueType fonts (including multiple languages and Unicode support)	Scalable text including rotation, mirror and inverse printing
Fixed, variable and merged text fields	Flexible date/time formats
Link fields to databases	Real-time clock functions
Formats for shift coding	Auto increment/decrementing text, counters and barcodes
Mirror image printing, image rotation	Multiple graphic formats supported (up to maximum print area)
Basic shape drawing	512MB on board Flash memory
Barcodes EAN8, EAN13, UPC-A, UPC-E, CODE 39, CODE128, EAN128, GS1 DataBar (including 2D composite), DataMatrix, QR, PDF417	

## Communications

Compatible with CLARISUITE™	Binary and ASCII comms protocols
Compatible with any label design software which support Zebra and Sato print engines Zebra (ZPL), Sato (SBPL) and Markem-Imaje (Cimcomms) protocol support	

## Connectivity

Dual band 802.11ac Wi-Fi	Bluetooth
Parallel (bi directional interface)	10/100 Ethernet
Applicator interface	

## Services

Power supply	Auto-detectable (PFC Compliant) 100-240VAC, 50-60Hz, ENERGY STAR qualified
Operating temperature	Thermal Transfer: 5° - 40 ° Direct Thermal: 0° - 40°
Weight	ZT411: 16.33kg ZT421: 18.14kg

## Regulatory approvals

CE Mark

TUV