



# ZT231 Industrial Printer

## Frequently Asked Questions

**Q: What is the ZT231 Industrial Printer?**

A: The ZT231 is positioned as the new benchmark for value-tier industrial printers, and offers the widest range of both standard and optional features. With a durable metal frame, the ZT231 is ideal for light industrial environments.

**Q: What products does the ZT231 replace?**

A: The ZT231 replaces the ZT230.

**Q: Is the ZT231 backwards compatible to the ZT230?**

A: The ZT231 is fully backwards compatible with the ZT230.

**Q: What are the differences between the ZT231 and legacy ZT230 printers?**



| New Features   | Benefit   |
|--|---|
| 4.3 in. color touchscreen user interface                             | Reduce training time with the ZT231's easy-to-use 4.3 in. full-color touchscreen. See status at a glance, access wizards and helpful how-to videos and make changes with the touch of a finger. Offers a common user experience across the stationary printer portfolio |
| Increased max print speeds:<br>• 12 ips 203dpi/10 ips 300dpi         | Faster max print speeds in both 203 and 300dpi resolutions increase productivity across a range of applications   |
| Standard 10/100 Ethernet   | Supports out of the box network connectivity  |
| Standard Bluetooth® low energy (BTLE)                                | Supports simplified PrintTouch tap-to-pair printer configuration from a compatible mobile device  |
| Standard USB-host port   | Enables the use of USB input devices like scanners and keyboards, supports firmware updates and file loading via connected USB-storage device   |
| Optional 802.11ac factory or user installable wireless module        | Delivers additional flexibility for solutions which require wireless connectivity. 802.11ac offers improved range and speed compared to previous models   |
| Optional applicator port   | Integrates with external label applicator equipment   |
| Printhead element out detection                                      | Maximizes productivity and printer uptime by reporting if individual heating elements are not functioning properly  |
| Pre-installed Intermec and Datamax emulations                        | Provides a drop-in replacement for competitive printer models   |
| Optional UHF RFID printing and encoding, factory or user installable | Affordable, quality UHF RFID printing and encoding for greater tracking capabilities and efficiencies   |

**Q: Are my existing label designs for the ZT230 printers going to be compatible with the ZT231?**

A: Yes, ZT231 printers have been tested to ensure backwards compatibility with previous label formats and settings.

**Q: Do the new printers support the same accessory kits for media handling (peeler/cutter/liner takeup) and network connectivity (LAN, WLAN, BT) as the previous models?**

A: While ZT231 printers offer the same accessory options of previous models, accessory kits are not interchangeable across old and new models. ZT231 are launching with a full array of media handling, print resolution, and communication accessories.

**Q: Can the ZT231 directly replace the ZT230 printer?**

A: Yes, the ZT231 can directly replace existing ZT230 printers.

**Q: Can the ZT231 use the same labels and ribbons as the ZT230?**

A: Yes, the ZT231 will work with the same media and ribbon combinations.

**Q: Will the new model support 1,476 ft./450 thermal transfer ribbon?**

A: Yes, ZT231 thermal transfer model supports 1,476 ft./450 thermal transfer ribbon. Direct thermal (no ribbon) versions are also available for all models.

**Q: Is there modularity where a DT based SKU can be updated to TT?**

A: We recommend a customer purchase the thermal transfer model if they think they may print thermal transfer labels.

**Q: Can a customer purchase a model without the color touch display?**

A: No, the only display option is the color touch.



**Q: What emulations are loaded from factory?**

A: DPL and IPL emulations are included in all ZT231 printers by default. Additional emulations can be downloaded from [www.zebra.com](http://www.zebra.com)

**Q: Does the ZT231 printer have an RTC?**

A: Yes, the ZT231 has the Real Time Clock as a standard feature.

**Q: What is the maximum media size?**

A: The ZT231 can support media widths (liner and label) from 19.4mm (0.75 in.) to 114mm (4.5 in.) and ribbon width from 51mm (2 in.) to 110mm (4.33 in.).

**Q: What sensors does the ZT231 contain?**

- A:
- Transmissive
  - Reflective
  - Print head open
  - Print head over temperature
  - Ribbon
  - Media

**Q: Does the ZT231 support RFID?**

A: Yes, RFID is supported. The printer supports encoding tags compatible with UHF EPC Gen 2 V2.1, ISO/IEC 18000-63 and RAIN RFID protocols.

**Q: Can the non-RFID ZT231 be upgraded to the RFID versions?**

A: Yes, the ZT231 can be upgraded to RFID version in the field. For optimal performance with RFID labels shorter than 38 mm (1.5 in.), the printer should be equipped with a printhead with part number ending with -12 or higher.

**Q: Does the printer support USB Host?**

A: Yes, the printer includes one standard USB Host port on the back of the printer, which opens a number of new capabilities utilizing the printer, not an additional client, to locally manage files, input data and configure the printer.

- USB mirror is ideal for local, fast replication of firmware, files and configurations for ease of setup and maintenance.
- Print Station supports local data input and form-filling without a client via USB connected scanners and keyboards.
- Print USB file is used to print formats, download firmware and execute files from a USB flash drive (memory stick).
- USB file transfer provides the transfer and storage of files between the printer memory and the USB flash drive.

**Q: What is the standard hardware warranty for the ZT231?**

A: The warranty varies by region. Please see [www.zebra.com/warranty](http://www.zebra.com/warranty) for further details.

**Q: Is a parallel port option available on these new ZT200 models?**

A: Parallel port support has been removed from the ZT200-series of printers. If parallel connectivity is required, ZT411 printers may be a good option, please contact your Zebra account rep for more information.

**Q: Ethernet seems to be standard and optional for the ZT231?**

A: Ethernet is standard on the ZT231. An external Ethernet card can also be installed in the communication slot on the printer. The external Ethernet card stores the MAC address in the memory on the card. This card can be easily removed from a printer and re-installed in a different printer which can be a benefit if a printer must be temporarily replaced while undergoing maintenance or repair. This makes it easier to swap out printers without the need to add the new printer as another, new network device. The printers do not support two simultaneous Ethernet connections, only one Ethernet connection can be active in the printer.

For more information, please visit [www.zebra.com/zt231](http://www.zebra.com/zt231)



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