



# Industrial RFID Printer

Exceptional performance from  
micro labels to high-volume applications



The ZT610 and ZT620 combine rugged durability and exceptional performance on a user-friendly, future-ready platform. These next-generation workhorses are designed to help you navigate the rapidly evolving business technology landscape. So, whether you're concerned about growing production line demands, increasing operational complexities, integrating disparate systems or controlling investment costs, ZT600 Series Industrial Printers have you covered today—and for years to come.

eAgile's line of industrial printers are well known for their durability, fast print speed, long life span and unparalleled reliability. The ZT610 and ZT620 build on that legacy, with the most advanced, comprehensive feature sets of any stationary printer series.

To keep your critical operations running smoothly across a broad range of applications, ZT600 Series printers provide:

## 24/7 Reliability in the Harshest Environments

ZT600 Series printers are built to withstand the most demanding industrial conditions, virtually eliminating operational downtime due to printer failure. Plus, they meet your high-volume production needs, day in and day out, with superior print quality and speed across the widest range of applications.

## Micro-Consistent Printing for Top-Quality Labels

Featuring highly precise registration and print line adjustment, the ZT610 offers 600 dpi printing for labels as small as 3mm for applications like circuit boards, chips and miniature components—all without wasting expensive media due to improper printing.

## User-Friendly Setup, Use, and Maintenance

Intuitive Link-OS® applications and user-friendly design features streamline everything from deployment to daily use and routine maintenance. Compability with other printing systems and technologies simplifies integration and management, while onboard sensors, diagnostics and help resources guide troubleshooting so users don't have to call support for every minor issue.

## Highly Adaptable, Future-Ready Platforms

The last thing you need is a piece of technology that will be obsolete in just a couple of years. That's why the ZT600 Series was engineered with the future in mind—from an adaptable design that allows communications, media handling and other upgrades in the field, to compability with SOTI and AirWatch device management software, to intuitive Link-OS applications that simplify updates and reconfiguration as needed.

# Product Specifications



ZT610



ZT620

Printer Characteristics		
Resolution	203 dpi [8 dots per mm] 300 dpi [12 dots per mm] (optional) 600 dpi [24 dots per mm] (optional)	203 dpi [8 dots per mm] 300 dpi [12 dots per mm] (optional)
Memory	1 GB RAM Memory 2 GB on-board linear Flash memory	
Maximum Print Width	4.09 in. [104mm]	6.6 in. [168mm]
Maximum Print Speed	14 ips [356mm per second]	12 ips [305mm per second]
Maximum Continuous Print Length	203 dpi: 150 in. [3810mm] 300 dpi: 130 in. [3302mm] 600 dpi: 30 in. [762mm]	203 dpi: 150 in. [3810mm] 300 dpi: 100 in. [2540mm]
Printer Control Language	ZPL, ZPL II	
Media Characteristics		
Media Width	1 in. [25.4mm] to 4.5 in. [114mm] tear/cutter 1 in. [25.4mm] to 4.25 in. [108mm] peel/rewind	2 in. [51mm] to 7 in. [178mm] tear/cutter 2 in. [51mm] to 6.75 in. [171mm] peel/rewind
Maximum Media Roll Size	8 in [203mm] OD on a 3 in. [76mm] ID core	
Thickness	0.0023 in. [0.058mm] to 0.01 in. [0.25mm]	
Media Types	Continuous, die-cut, notch, black-mark	
Ribbon Characteristics <i>for thermal transfer option only</i>		
Standard Length	1476 ft. [450m]	
Width	2 in. [51mm] to 4.33 in. [110mm]	2 in. [51mm] to 6.85 in. [174mm]
Core	1 in. [25.4mm] ID	
Operating Characteristics		
RFID	Supports tags compatible with UHF EPC Gen 2 V2, ISO/IEC 18000-63 and RAIN RFID Protocols	
Operating Temperature	Thermal transfer: 40°F to 104°F [5°C to 40°C] Direct thermal: 32°F to 104°F [0°C to 40°C]	
Operating Humidity	20% to 85% non-condensing	
Storage/Transportation Temperature	-22°F to 140°F [-30°C to 60°C]	
Storage Humidity	20% to 85% non-condensing	
Electrical	Auto-detectable (PFC Compliant) 90–265 VAC, 47–63 Hz, rated at 250 Watts ENERGY STAR qualified	
Agency Approvals	IEC 60950, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3 cTUVus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, S-Mark (Arg), CCC, CU, BSMI, KCC, SABS, IN-Metro	
Physical Characteristics		
Size (H x W x D)	15.5 in. x 10.5 in. x 20 in. [394mm x 267mm x 508mm]	15.5 in. x 13.5 in. x 20 in. [394mm x 343mm x 508mm]
Weight	50 lbs.	57 lbs.
User Interface	Color, graphical LCD, status icons	