

# Performance Desktop Printers Specifications

## STANDARD FEATURES

- ZPL programming language
- EPL programming language (GX models only)
- Dual-wall frame construction
- Tool-less printhead and platen replacement
- OpenACCESS™ for easy media loading
- Quick and easy ribbon loading
- Simplified calibration of media
- Certified Microsoft® Windows® drivers
- Wi-Fi® certified communications
- ENERGY STAR® qualified

## PRINTER SPECIFICATIONS

<b>Resolution</b>	203 dpi/8 dots per mm 300 dpi/12 dots per mm (standard on GX430t, optional on ZD500)
<b>Memory</b>	<b>GX Models</b> Standard: 4 MB Flash; 8 MB SDRAM Optional: 64 MB (68 MB total) Flash with real-time clock <b>ZD500</b> Standard: 256 MB Flash; 128 MB SDRAM Real-time clock
<b>Maximum Print Width</b>	4.09"/104 mm
<b>Maximum Print Speed</b>	6"/152 mm per second (203 dpi) 4"/102 mm per second (300 dpi)
<b>Media Sensors</b>	<b>GX Models</b> Standard: Fixed transmissive and reflective sensors Optional: Multi-position transmissive and full-width reflective sensor <b>ZD500</b> Multi-position transmissive and adjustable reflective sensors
<b>Maximum Print Length</b>	39"/991 mm

## MEDIA CHARACTERISTICS

<b>Media Width</b>	0.75"/19 mm — 4.25"/108 mm
<b>Media Roll Size</b>	Maximum outside diameter: 5"/127 mm Core inner diameter: 0.5"/12.7 mm, 1.0"/25 mm, 1.375"/35 mm, 1.5"/37.1 mm, 3"/76 mm
<b>Media Thickness</b>	GX Models: 0.003"/0.08 mm to 0.0075"/0.19 mm ZD500: 0.003"/0.08 mm to 0.012"/0.305 mm
<b>Media Types</b>	Roll-fed or fan-fed, die-cut or continuous direct thermal labels with or without black line, tag stock, continuous receipt paper, wristbands

## RIBBON CHARACTERISTICS (Thermal-transfer option only)

<b>Standard Length</b>	244"/74 M
<b>Width</b>	1.33"/33.8 mm to 4.3"/109.2 mm
<b>Core I.D.</b>	0.5"/12.7 mm

## OPERATING CHARACTERISTICS

<b>Environmental</b>	Operating Temperature: 40°F to 105°F/4.4°C to 41°C Operating Humidity: 10% to 90% non-condensing Storage/Transportation Temperature: -40°F to 140°F/ -40°C to 60°C Storage Humidity: 5% to 95% non-condensing
<b>Electrical</b>	Auto-ranging external power supply with C14 type connector Output: 24 VDC, 3.125A Input: 100-240 VAC, 50-60 Hz ENERGY STAR qualified
<b>Agency Approvals</b>	<b>GX Models</b> Emissions: FCC Part 15, Subpart B (Class B), ICES 003, VCCI, RCM, CQC, EAC, KCC, BSMI Emissions and Susceptibility: EN50032 (Class B), EN55024, EN61000-3-2 add EN61000-3-3 Safety: CB Scheme IEC 60950-1, TUV NRTL, RCM, CCC, NOM, EAC, KCC, BSMI, BIS, INMETRO <b>ZD500</b> Emissions: FCC Part 15, Subpart B (Class B), ICES 003, VCCI, RCM, CQC, EAC, KCC, BSMI Emissions and Susceptibility: EN50032 (Class B), EN55024, EN61000-3-2, EN61000-3-3 Safety: CB Scheme IEC 60950-1, TUV NRTL, RCM, CCC, NOM, EAC, KCC, BSMI, BIS, INMETRO

## PHYSICAL CHARACTERISTICS

	Direct Thermal	Thermal Transfer
<b>Length</b>	8.25"/210 mm	10.0"/254 mm
<b>Width</b>	6.75"/171 mm	7.6"/193 mm
<b>Height</b>	6.0"/152 mm	7.5"/191 mm
<b>Weight</b>	3 lbs/1.4 kg	4.6 lbs/2.1 kg

## COMMUNICATION AND INTERFACE CAPABILITIES

### GX Models

- RS-232 auto-sensing Serial interface, DB-9
- USB V1.1, bi-directional
- Centronics Parallel
- Ethernet — 10/100 internal (optional) offered in combination with USB and Serial interface (replaces Parallel port)
- Wireless — 802.11b/g or Bluetooth 2.0 (optional) with LCD display offered in combination with USB and Serial interfaces (replaces Parallel port)

### ZD500

- RS-232 auto-sensing Serial interface, DB-9
- USB V2.0, bi-directional
- Centronics® Parallel
- Ethernet — 10/100 internal
- Wireless — Dual radio 802.11a/b/g/n and Bluetooth 3.0 (optional)

## Ideal for These Applications

### Retail

- Inventory and price labeling
- Receipt printing
- Item tagging

### Transportation and Logistics

- Shipping and receiving labeling

### Healthcare

- Patient identification
- Blood bag and specimen labeling
- Breast milk labeling

### Light Manufacturing

- Light industrial work-in-process
- Asset tracking

### Postal Counter Automation

- Receipt and label printing

### High-resolution Label Printing