

# DA402/T402 Desktop Printers

Thermal, On-demand Bar Code Products

## Big performers in small packages.

Think big. Or in this case, think small. Zebra's DA402™ and T402™ desktop printers come in a compact size at an affordable price.

## Dedicated Desktop Printing

Simple to use and a great choice for bar code label novices, these printers are ideal for any low-volume, on-demand application in which a space-saving, dedicated printer is desired. You're guaranteed great results, whether you're printing labels individually or in batches.

DA402 and T402 desktop printers also come with the **NEW** ZebraLink™ real-time connectivity and control solutions.



Connect with it. Count on it.™



## DA402/T402 Desktop Printers

### Compact, Economical Printer

- Printers weigh less than five lbs. each
- Affordably priced

### Simple, Reliable Operation

- **NEW** ZebraLink real-time connectivity and control solution
- Easy-to-use, color-coded operator cues
- One-button darkness adjustment
- Auto-calibration
- Auto-switching power supply
- Auto-synchronization of serial ports

### Efficient, On-demand Printing of Text, Graphics and Bar Codes

- Flash memory stores graphics and enables quick upgrades
- Prints labels individually to reduce waste (compared to inkjet or laser label sheets)
- Standard bar code and 2D symbology algorithms reside in memory for faster printing

### For more information

Contact your Zebra representative for additional printer specifications. For information on Zebra's full-size and portable printers, supplies, software and accessories, ask your reseller, call +1 800.423.0442, or visit our Web site.

[www.zebra.com](http://www.zebra.com)



Zebra Bar Code Products

### International Headquarters

333 Corporate Woods Parkway  
Vernon Hills, IL 60061-3109 U.S.A.  
Phone: +1 847.634.6700 or +1 800.423.0442  
Fax: +1 847.913.8766  
[www.zebra.com](http://www.zebra.com)

### Other Locations

**United States:** California, Florida, Rhode Island, Wisconsin

**Europe:** France, Germany, Italy, United Kingdom

**Asia:** Hong Kong, Japan, Seoul, Singapore



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DA402/T402  
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## Specifications at a Glance\*

### Standard Features

- Print methods: Thermal transfer (T402) or direct thermal (DA402)
- Construction: Polycarbonate plastic
- ZebraLink
- Smooth scalable fonts
- 15 standard bar code and seven two-dimensional symbologies resident in printer
- Zebra's E<sup>3</sup> Printhead Energy Control
- Auto-calibration
- Auto-synchronization of serial and parallel ports

### Programming Languages

- ZPL<sup>®</sup> & ZPL II<sup>®</sup>—Universal language for Zebra printers. Simplifies label formatting and enables compatibility with other Zebra printers.
- ZBI<sup>™</sup>—Controls and interprets text and data streams from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

### Operating Characteristics

#### Environment

- Operating Temp. 40°F/5°C to 105°F/41°C
- Storage/ Environ. -40°F/-40°C to 140°F/60°C
- Operating Humidity 10-90% non-condensing
- Storage Humidity 5-95% non-condensing

#### Electrical

- External automatic switching power supply 110/230VAC with a selection of power cords

#### Communication Interface Capabilities

- RS-232 serial port
- IEEE-1284 bi-directional parallel port

#### Agency Approvals

- UL 1950, CISPR 22 (Class B), IEC 950/EN 60950, EN 55022 (Class B), EN 61000-3-2, -3-3; EN 50082-1:1997, Canadian doc. (Class A), FCC (Class B), CE compliance, AS/NZS 3548, NOM, EMCCSA 22.2 (No. 950)

### Media Characteristics

#### Labels and Tags

- Max. Roll Size
- 5.0"/127mm O.D. on a 1.0"/25.4mm I.D. core

#### Thickness (label & liner)

- .003"/.08mm-.007"/.18mm

#### Media Types

- Continuous or fan-fold, die-cut, roll-fed or notched

For optimum print quality and printer performance, use Genuine Zebra supplies.

#### Ribbons (T402 only)

- Max. Roll Size
- 1.39"/35mm O.D. on a 0.5"/13mm I.D. core

#### Standard Lengths

- 3,600/91m

#### Ribbon Set-up

- Ribbon wound ink side out

Ribbon is recommended to be at least as wide as media. Note: T300 ribbon is not compatible/interchangeable with the T402.

### Fonts/Graphics/Symbologies

#### Fonts and Character Sets

- Standard Fonts: 16 bitmapped, 1 smooth scalable (CG Triumvirate<sup>™</sup> Bold Condensed)
- Sets: IBM<sup>®</sup> Code Page 850 International character set
- Optional European and Asian font sets

#### Graphic Features

- Supports user-defined fonts and graphics—including custom logos
- ZPL II drawing commands—including boxes and lines

#### Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128, EAN-14/UPC-A, UPC-E, EAN-8, EAN-13, UCC/EAN 128, UPC and EAN 2 or 5 digital extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
- 2-Dimensional: CODABLOCK, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, Micro PDF-417

### Options and Accessories

- 8MB Flash memory with real time clock
- Real time clock (for application requiring additional memory and date/freshness coding)
- Cutter (T402 only)

- Peel (dispense and present label option)
- Black mark sensor
- ZebraNet<sup>®</sup> PrintServer II (for Ethernet connectivity)
- BAR-ONE<sup>®</sup> software
- European and Asian font sets



DA402



T402

Both the DA402 direct thermal printer and T402 thermal transfer printer are perfect for low volume, individual or batch printing needs in business and professional offices including:

- Small offices/Home offices
- Retail/Business offices
- Healthcare and medical laboratories
- Point-of-sale receipts and ticketing
- Mailing and shipping labels
- File folder labeling

### ZebraLink<sup>™</sup>



ZebraLink, a revolutionary real-time connectivity and control solution for Zebra printers, includes:

1. **Alert** (with ZebraNet<sup>®</sup> PrintServer II)—enables a Zebra printer to send status messages via any email-enabled device.
2. **WebView** (with ZebraNet<sup>®</sup> PrintServer II)—enables the remote monitoring and configuration of Zebra printers using Web-based network tools.
3. **ZBI<sup>™</sup>** (Zebra BASIC Interpreter)—programming language that works with ZPL II to control and interpret incoming text and data.

ZebraLink gives you the freedom to replace other bar code printers with the superior performance and reliability of Zebra printers, without costly reprogramming of your host system. Or, create a stand-alone application using a DA402 or T402 printer and peripheral devices without needing a PC. Internet-aware, ZBI can then transmit data captured by these devices over your LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

### Maximum Print Area

Width: 4.09"/104mm  
Length:  
22"/559mm (with standard memory)

### Resolution

203dpi/8dots per mm

### Maximum Print Speed

2.5"/64mm per second

### Memory

Standard: 1MB DRAM; 1MB Flash  
Optional: 8MB Flash with real time clock

### Physical Characteristics

T402:  
Width: 7.9"/200mm  
Depth: 9.8"/249mm  
Height: 6.75"/171mm  
Weight: 4lbs./1.8kg  
DA402:  
Width: 7.6"/193mm  
Depth: 8.5"/216mm  
Height: 6.6"/167mm  
Weight: 3lbs./1.4kg

### Media Specifications

Label and liner width:  
1.12"/28mm to 4.65"/118mm (T402)  
1"/25.4mm to 4.25"/108mm (DA402)  
Ribbon width:  
1.3"/33mm to 4.3"/110mm (T402)

\*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.