

**PRINTRONIX**  
AUTO ID

# T600

MID-RANGE THERMAL DESKTOP PRINTER



**RELIABLE**

**VERSATILE**

**EASY-TO-USE**



## Our Most Versatile Desktop Printer

The T600 is an exceptional mid-range desktop printer for applications that require reliable performance, versatile features and easy operation. The T600 is remarkably well suited to a large variety of industries due to its ability to utilize Direct Thermal and Thermal Transfer technology.



### RELIABLE PERFORMANCE

- Built on a proven platform
- Large RAM and a powerful 32 bit processor for quick processing and first label out
- Durable double wall construction
- Fast 8 inches per second print speed



### VERSATILE FEATURES

- Option to choose between direct thermal and thermal transfer printing
- Multiple connectivity choices including Serial, Ethernet, USB, USB Host
- Compact size fits anywhere



### EASY TO USE

- Quick media and ribbon loading
- Large media roll for fewer roll changes
- Easy to navigate menus
- Large 2.3" color display and intuitive 6 button control set

## THERMAL TRANSFER OR DIRECT THERMAL – WHICH TECHNOLOGY IS RIGHT FOR YOU?

The T600 is unique in its ability to operate as both a direct thermal and thermal transfer printer. Direct thermal printers are less expensive to operate since they print directly onto media. The downside of this technology is that labels or media can fade over time and users are limited to printing on direct thermal media.

Thermal Transfer technology uses a ribbon to transfer the image so it generates a more durable label that won't fade. It gives users the option to choose from a wider range of media including water resistant and tear resistant labels. Having the option to choose means the same printers can be used throughout an application and print on different types of labels.

## EASY TO USE

Desktop printers are frequently used by a large number of people in busy environments. Employees need to be able to learn how to use the printer quickly then move on to perform other jobs. We've color coded the interactive parts of the printer for easy media loading, and included an intuitive menu and large color display for simple operation. And of course we included the reliability that were known for.

## APPLICATIONS

Designed to thrive in real world applications, the versatility of the T600 makes it especially well-suited to a wide variety of industries.



### Retailing

- Point-of-Sale
- Receipt and Coupon Printing
- Inventory Control



### Medical and Pharmaceutical

- Specimen Labeling
- Patient Wristbands
- Pharmacies



### Shipping and Receiving

- Shipping and Receiving
- Compliance Labeling
- Asset Tracking

# T600

## SPECIFICATIONS



### PRODUCT BENEFITS

- \* 32-bit RISC high performance processor
- \* Dual wall clamshell construction
- \* Thermal Transfer printing
- \* 2.3" Color TFT Display w/6 button control
- \* Available in 203 DPI and 300 DPI
- \* 64MB SDRAM / 128MB Flash / 32GB SD Card option
- \* 4" model configuration
- \* 8 inches per second print speed

### PRINTER SPECIFICATIONS

Max Print Speed (4")	8 IPS @ 203 DPI / 6 IPS @ 300 DPI
Print Method	Thermal Transfer
Resolution	203 DPI / 300 DPI
Max. Print Width	4.25" (108mm) / 4.15" (105.6mm)
Printer Memory	64 MB SDRAM / 128 MB Flash Memory 32 GB optional SD Card
Ribbon Length	110m, max OD 40mm, 0.5" core (ink coated outside)

### MEDIA SPECIFICATIONS

Min. Media Width (4")	.79" (20mm)
Max. Media Width	4.4" (112mm)
Min. Media Length	.39" (10mm)
Max. Media Length	1,000" (25,400 mm)
Media Thickness	2.36 mil(.06mm) to 7.48 mil(.19mm)
Media Roll Core Diameter	1" (25.4mm) to 1.5" (38.1 mm)
Max. Media Roll Diameter	5.0" (127mm)
Media Sensing	Transmissive gap sensor, Black mark reflective sensor Head open sensor, Ribbon End Sensor
Media Type	Continuous, die-cut, black mark, fan-fold, notch (outside wound)

### MEDIA HANDLING MODES

Standard	Continuous, Tear-Off Strip
Options	Peel-Off, Cut

### PHYSICAL CHARACTERISTICS

Width	7.99" (203mm)
Height	7.54" (191.5mm)
Depth	10.21" (259.3mm)
Printer Weight	5.07lbs (2.3kg)
Shipping Weight	8.03 lbs (3.65kg)

### PRINTER LANGUAGE

Printer Languages	DPL, EPL, ZPL, ZPL2
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### COMMUNICATION AND CONNECTIVITY/INTERFACE

Standard Interface I/O	Serial RS232, USB 2.0 , and Ethernet 10/100Base T
Real-Time-Clock (RTC)	Standard
Display	2.3" 320x240 Color TFT Display w/6 button control

### OPERATING ENVIRONMENT

Operating Temperature	40 to 104 °F (5 to 40 °C)
Operating Humidity	20 - 85% Non-Condensing
Storage Temperature	-40 to 140 °F (-40 to 60 °C)
Storage Humidity	10 - 90% Non-Condensing

### POWER REQUIREMENT

Line Input	Auto Range AC 100-240V, 50-60Hz
Printer Output	DC 24V, 2.5A, 60W

### REGULATORY COMPLIANCES

Emissions	FCC Class B, CE
Safety	cTUVus, CE, UL
Environmental	RoHS, WEEE, ENERGY STAR®

### BAR CODE SYMBOLOGIES

1D Barcodes	Code 39, Code 39 with check digit, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5, Interleaved 2 of 5 with check digit, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, MSI, MSI with check digit, PLESSEY, POSTNET, Logmars, Code 11, Code 49, China post, ITF14, TELEPEN, TELEPENN, PLANET, Deutsche Post Identcode, Deutsche Post Leitcode
2D Barcodes	GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417

### FONT, GRAPHIC SUPPORT

Internal Fonts	8 alpha-numeric bitmap font Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Font and barcode rotation	0, 90, 180, 270 degree

### OPTIONS AND ACCESSORIES

- \* Peel & Present
- \* Cutter



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