

# Industrial Bar Code Printing Without the High Price



## T2N Thermal Printers

- Industrial 4" 203 dpi and 300 dpi Thermal Printers
- High Performance with Low TCO (Total Cost of Ownership)
- Integrated with Standard Ethernet, Serial and USB
- Rugged and Compact Space-Saving Design
- "Best Value" with Uncompromised Features Set

 Millennium Technologies

**PRINTRONIX®**



# Printronix T2N Makes Bar Code Printing Even More Affordable

The **T2N** Series features simple design, ease of use and outstanding value that's priced below competitive printers. It is the first entry-level industrial thermal bar code printer to offer Ethernet NIC connectivity as a standard feature. Additionally it includes a real time clock, direct thermal and thermal transfer printing capability and the industry's highest reliability and performance you have come to expect from Printronix. Workers in distribution, manufacturing, logistics, retail and healthcare will appreciate its simplified user interface and rugged compact design. The **T2N** is a "best value" because of its outstanding performance and variety



of standard features not usually found in this price segment. Plus, it's ENERGY STAR-qualified. Products that earn the ENERGY STAR qualification prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.



## More Standard Features, Flexible Design, Easy to Use

The **T2N** Series delivers exceptional print quality, more standard features, and a simple design that will provide years of uninterrupted service. Together this combination adds up to a truly outstanding value that users everywhere will appreciate.

### BEST VALUE

The **T2N** comes **standard** with features other companies charge extra for such as:

- Ethernet, Serial and USB connectivity for easy integration
- Thermal transfer capability
- Real-time clock for date and time reporting
- Durable metal construction and reliable engineering for years of uninterrupted productivity

### RELIABLE & FLEXIBLE DESIGN

Although Printronix designed a low cost thermal bar code printer, we didn't compromise our commitment to quality in developing the **T2N** series.

- Designed and built for industrial and commercial applications
- Space-saving footprint
- 203 dpi and 300 dpi models fit most job requirements
- Integrates easily using the Configuration Tool
- Included emulation for PGL, ZPL, EGL
- ENERGY STAR-qualified

### EASE OF USE

You'll put the **T2N** to work faster because it's so easy to use.

- Easy side loading ribbon and media
- Large visible printer status indicator on top of the printer
- Simple, easy to read Two-LED Button design
- Easy troubleshooting with a simple printer mechanism and color-coded cues
- Easy network connectivity with a built-in Ethernet NIC card
- Auto switch emulation



# The Ideal Thermal Bar Code Printer for Industrial Applications

Printronix created the **T2N** series to bring industrial thermal bar code printing to entry-level buyers. Manufacturing, logistics, distribution, healthcare and retail companies will consider the **T2N** a “best value” because of its reliability, durability and wide range of standard features.

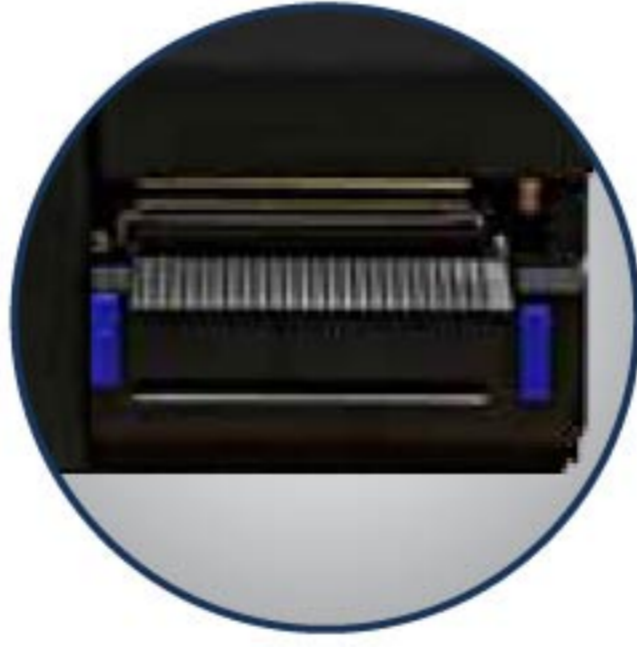
<i>If you're in...</i>	<i>You can expect from the T2N...</i>
<b>Distribution</b>	Industry-leading reliability and durability
<b>Logistics</b>	Simplified printer serviceability and management
<b>Manufacturing</b>	Highest print quality available in class
<b>Retail</b>	Simple, attractive, easy-to-use design
<b>Healthcare</b>	Small footprint, with a lightweight design Easy to integrate into operations

## Options & Supplies

**Cutter:**  
Automatically cuts media after each or a specified number of labels are printed. May be installed by an authorized service representative at a later date.



**Peel and Present:**  
Automatically peels the label from its backing and presents self-adhesive labels one at a time. May be installed by an authorized service representative at a later date.



**Andale Fonts:**  
For applications that require Korean, Japanese or Simplified Chinese fonts.

**Double Byte Character Set (DBCS) Fonts:**  
For applications that require Hangul, Hanzi, and Kanji fonts.

**Genuine Printronix Thermal Ribbons:**  
All ribbons are not created equal. When it comes down to mission-critical printing, nothing else matters if your barcode output can't be scanned. Genuine Printronix thermal transfer ribbons are designed specifically for optimal performance with Printronix thermal printers and best ensures your ribbon is ready for your “mission critical” applications.



**DISTRIBUTION**



**LOGISTICS**



**MANUFACTURING**



**RETAIL**



**HEALTHCARE**



# T2N Product Specifications

## PRODUCT BENEFITS

- Direct Thermal and Thermal Transfer
- Standard Serial, USB, and Ethernet
- Standard Real Time Clock
- Rugged Metal & Plastic construction
- Side-Loading supplies path for easy media and ribbon loading
- Large printer status indicator
- Quick and easy 2-Button LED design
- Energy Star Compliant

## PRINTER SPECIFICATIONS

Print Speed	6"/152mm per second
Print Method	Direct and Thermal
Resolution	203 dpi / 8 dots per mm 300 dpi / 12 dots per mm
Maximum Print Width	4.09" (104mm)
Printer Memory	32MB RAM / 8MB Flash

## MEDIA SPECIFICATIONS

Media Type	Labels and Tags
Min/Max Media Width	1" (25.4mm) / 4.6" (117mm)
Media Length (Min/Max)	0.25" (6.35mm) / 99" (2,514mm)
Media Thickness	2.3 to 11.0 Mil
Media Capacity	8" 203mm Roll on 3" (76mm) Core
Media Sensing	Transmissive (Gap, Notch) Reflective (Black Mark)
Media Handling Modes	Continuous Tear-Off Strip, Peel-Off (Opt.), Cutter (Opt.)

## RIBBON SPECIFICATIONS

Ribbon Type	Wax, Wax-Resin, Special Resin
Ribbon Width (Min/Max)	1.57" (40mm) / 4.33" (110mm)
Max Ribbon Length	450m
Inner Core Diameter	1.0" (25.4mm)
Outer Core Diameter	3.2" (81mm)

## CONNECTIVITY/INTERFACE

Serial RS232	Standard
USB 2.0	Standard
Ethernet 10/100BaseT	Standard

## PHYSICAL CHARACTERISTICS

Dimensions:	11" W x 10" H x 17" D (286mm x 259mm x 434mm)
Printer Weight:	24 lbs (11 Kg)
Shipping Weight:	28 lbs (12.7Kg)

## PROGRAMMING PRINTER LANGUAGES

PGL - Printronix	Standard
ZGL - Zebra	Standard
EGL - Eltron Graphical Lang.	Standard

## OPTIONS

Peeler  
Cutter  
Andale Fonts - Korean, Japanese, Simplified Chinese (SD Card)  
Double Byte Character Set (DBCS) Fonts - Hanzi, Hangul, Kanji (SD Card)  
(Andale and Double Byte Character Set (DBCS) Fonts will be available on July 2013)

## BAR CODE SYMBOLOGIES

Australian Post, Aztec, BC412, Code 128 (A,B,C), Code 35, Code 39, Code 93, Codabar (NW7), Datamatrix, EAN13 (JAN), EAN-8 (JAN), FIM I-2/5, German I-2/5, USPS Intelligent Mail, ITF14, Matrix (2 of 5), Maxicode, MSI, PDF-417, Planet, Plessey, PostBar, Postnet, QR Code, ROYAL BAR, RSS14, Telepen, UCC/EAN 128, UPC A, UPC E, UPC E0, UPC E1, UPC SHIP, UPS 11

## FONTS AND CHARACTER SET

Fonts: Monotype Imaging (Agfa Monotype), Letter Gothic Bold, Courier Bold, OCR-A, OCR-B, CG Times  
Character Set: Unicode with TrueType font support

## POWER REQUIREMENTS

Voltage Range	Auto Ranging Power Supply 100-240v Energy Star-Compliant
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## GRAPHIC SUPPORT AND WINDOWS DRIVERS

Graphic Support: PCX, PNG and TIFF file formats  
Windows Drivers: Microsoft Windows WinXP\*, Vista, Windows 7\*  
*\*Recommended for Microsoft Certification but this is not required.*

## OPERATING ENVIRONMENT

Operating Temperature	40 to 104 F (5 to 40 C)
Operating Humidity Range	20 to 85% Non-Condensing
Storage Temperature	-40 to 140 deg. F, -40 to 60 deg. C
Storage Humidity Range	10% to 90% Relative Humidity, non-condensing

## REGULATORY COMPLIANCES

FCC, UL, cUL, CE, NOM, ICES, S-Mark, CCC  
BSMI, MIC/RRL, GOST-R

For optimal performance and print quality, Printronix offers a wide selection of thermal transfer ribbons. Contact your local Printronix supplies reseller for Genuine Printronix Ribbons and Labels, or contact Printronix at [www.primtronix.com](http://www.primtronix.com) or call 800.665.6210.

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