T8000
THERMAL PRINTERS

- POWERFUL
- RELIABLE
- PROVEN

PRINTRONIX®
WHEN RELIABILITY COUNTS

T8000 8"

T8000 6"

T8000 4"

The **T8000** is the premier high-end thermal printer. With unmatched industrial performance, easy to use, and 100% verifiable output, the **T8000** exceeds the requirements of the most demanding mission critical manufacturing and distribution operations.

New 3.4" full color display panel with easy to use navigation keys

Most extensive library of print emulations in the industry, now includes Postscript/PDF printing

Intuitive printer setup, print quality, and self-help wizard

Easily accessible side media loading

Quick Change Memory Card stores printer configuration and network settings for easy installation of new printers

Seamless integration & connectivity with robust remote printer management

40% faster print speed, 6x faster processing speed, and 8x more memory than the competition

Rugged design for the most demanding global customers and the harshest environments

Energy Star compliant

Eliminate compliance fines and chargebacks with Online Data Validator (ODV) to produce 100% scannable barcodes every time

Automatic capture of statistics that can be used as certification stamp and audit

Fully integrated solution with the ability to retract, void, and reprint labels automatically

Rugged design with industry leading capabilities to print PostScript/PDF, print in sub-zero temperatures without heated enclosures, all while remotely managing your environments with PrintNet Enterprise.

Postscript/PDF

► First to offer Postscript/PDF for thermal printing

► Seamless connectivity of PostScript/PDF files for quick deployment

► Supports the latest ERP systems, and Plug-n-Play with native SAP Drivers
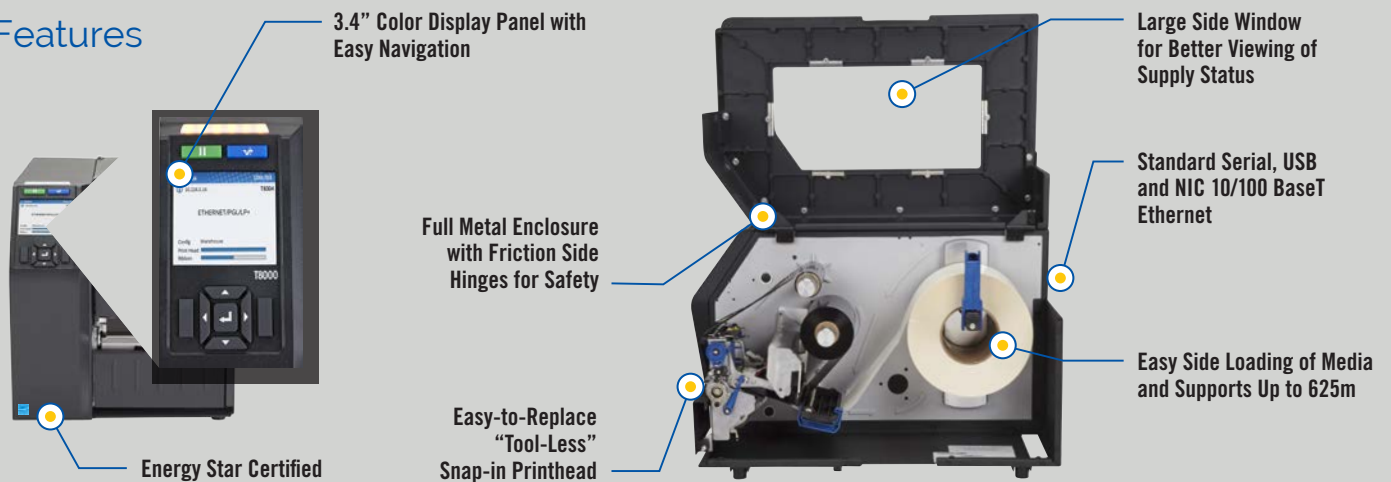
PrintNet Enterprise

► Robust remote printer management to monitor printers and virtual control panel to configure from anywhere in the world

► Designate events and be alerted of printer issues via email, pager or mobile phone alerts

► Complete compatibility with any Printronix product

Harsh Environment

► Reliable performance in sub-zero environments without a heated enclosure. -5C for direct thermal and 5C for thermal transfer

► Cold supply chain customers can realize cost savings on heated enclosures and energy consumption

► Ability to handle dirt, grime, humidity, and extreme temperatures found in manufacturing, warehouse, and distribution centers around the globe

Online Data Validator (ODV)

Powered Mobile Print Cart

Key Features

3.4" Color Display Panel with Easy Navigation

Full Metal Enclosure with Friction Side Hinges for Safety

Energy Star Certified

Easy-to-Replace "Tool-Less" Snap-in Printhead

Large Side Window for Better Viewing of Supply Status

Standard Serial, USB and NIC 10/100 BaseT Ethernet

Easy Side Loading of Media and Supports Up to 625m

T8000
SPECIFICATIONS

PRODUCT BENEFITS
* High performance ARM Cortex-A9
* Die-cast aluminum frame w/metal door
* Transfer and direct printing
* 4", 6", and 8" model configurations
* Premium Asian and Andale font support

* Available in 203 DPI and 300 DPI
* Dual motor ribbon drive system
* 512MB RAM / 128MB flash memory
* 4-32 GB SD flash memory card capability
* ENERGY STAR Certified

PRINTER SPECIFICATIONS
Max Print Speed (4"/ 6"/ 8")	14 / 12 / 10 IPS @ 203 DPI / 12 / 10 / 8 IPS @ 300 DPI
Print Method	Transfer and Direct
Resolution	203 DPI or 300 DPI
Max. Print Width (4"/ 6"/ 8")	4.1" (104mm) / 6.6" (168mm) / 8.5" (216mm)
Printer Memory	512MB RAM / 128MB Flash

MEDIA SPECIFICATIONS
Media Type	Roll or Fan-Fold Labels, Tags, Paper, Film, Tickets
Min. Media Width (4"/ 6"/ 8")	1" (25.4mm) / 2" (50.8mm) / 3" (76.2mm)
Max. Media Width (4"/ 6"/ 8")	4.5" (114.3mm) / 6.8" (172.7mm) / 8.75" (222.2mm)
Min. Media Length	0.25" / 1.0" (Continuous/Tear-Off) / 0.5" (Peel-Off)
Max. Media Length	Up to 99"
Media Thickness	2.5mm (0.0025") to 10mm (0.010")
Media Roll Core Diameter	1.5" (37.5mm) to 3.0" (76mm)
Max. Media Roll Diameter	8.0" (209mm)
Media Sensing	Gap, Mark, Advanced Gap, Advanced Notch

RIBBON SPECIFICATIONS
Ribbon Type	Wax, Wax/Resin, Resin
Min. Ribbon Width (4"/ 6"/ 8")	1" (25.4mm) / 2" (50.8mm) / 3" (76.2mm)
Max. Ribbon Width (4"/ 6"/ 8")	4.5" (114.3mm) / 6.8" (172.7mm) / 8.75" (222.2mm)
Max. Ribbon Length	625 Meters

PHYSICAL CHARACTERISTICS
Width (4"/ 6"/ 8")	11.7" (297.2mm) / 13.4" (340.4mm) / 15.4" (391.2mm)
Height (4"/ 6"/ 8")	13" (330.2mm) / 13" (330.2mm) / 13" (330.2mm)
Depth (4"/ 6"/ 8")	20.5" (520.7mm) /20.5" (520.7mm) / 20.5" (520.7mm)
Printer Weight (4"/ 6"/ 8")	37 lbs. (16.7Kg.) / 40 lbs. (18.1 Kg.) / 43 lbs. (19.5Kg.)
Shipping Weight (4"/ 6"/ 8")	46 lbs. (20.8Kg.) / 49 lbs. (22.2 Kg.) / 52 lbs. (23.6Kg.)

PRINTER LANGUAGE
IGP Languages	PGL/VGL/ZGL/TGL/IGL/STGL/DGL/IEGL/MGL
Line Printer Plus Languages	P-Series + XQ, Proprinter, Serial Matrix, Epson
Job Control Languages	PJL, XML, and PTX-SETUP
Optional Languages	IPDS
	TN5250/TN3270
	PDF Level 1.7, Postscript Level 3

COMMUNICATION AND CONNECTIVITY / INTERFACE
Standard Interface I/O	Serial RS232, USB, and Ethernet 10/100Base T
Optional Interface I/O	Parallel, WiFi (802.11a/b/g/n), GPIO
WiFi Security Protocol	WEP 40/128bit, WPA Personal (PSK),
	WPA2 Personal (PSK) and Enterprise (AES CCMP)
	EAP-TLS, EAP-TTLs, PEAPv0/MS-CHAPv2, PEAPv1
	EAP-FAST, EAP-MD5

BARCODE VALIDATION
Online Data Validator (ODV)	Validates, Grade, Report, and Overstrike Barcodes
	Supports 1D Barcodes (Picket Fence)

MEDIA HANDLING MODES
Standard	Continuous, Tear-Off Strip, Tear-Off
Options	Peel-Off, Cut, and Rewind

OPERATING ENVIRONMENT
Operating Temperature	Direct Thermal w/o accessories: 23 to 104F (-5 to 40C)
	Thermal Transfer: 40 to 104F (5 to 40C)
Operating Humidity	20-85% Non-Condensing
Storage Temperature	23 to 140 F (-5 to 60 C)
Storage Humidity	5 to 85% Non-Condensing

POWER REQUIREMENT
Line Input	Auto Range 90 - 264 VAC (48 - 62 Hz)

REGULATORY COMPLIANCES
Emissions	FCC, CE, CCC
Safety	cTUVus, CE, EAC, SABS, RCM, CCC, KCC, BSMI, S-MARK, NOM
Environmental	RoHS, WEEE, Energy Star

BARCODE SYMBOLOGIES
1D Barcodes	BC-412, Code 11, Code 39, Code 35, Code 93, Codabar, Code128 Subsets A/B/C, Industrial 2 of 5, Interleave 2 of 5, German I-2/5, EAN-8, EAN-13, UCC/EAN-128, UPC-A, UPC-E, UPCSHIP, UPS 11, MSI, Matrix 2 of 5, PLESSEY, POSTNET, 4-state PostBar, Australian 4-state, FIM, ITF14, TELEPEN, PLANET, USPS Intelligent Mail, LOGMARS
2D Barcodes	PDF-417, MicroPDF-417, Maxicode, DataMatrix, QR Codes, Aztec, GS1 Databar (RSS-14)

FONT, GRAPHIC SUPPORT
Graphic Formats	PCX, TIFF, BMP, PNG
Font Technologies	Intellifont, TrueType, Unicode
Standard Fonts	OCRA, OCRB, Courier, Letter Gothic, CG Times, CG Triumvirate/Bold/Condensed
Asian Fonts (Optional SD card)	Simplified Chinese, Japanese, and Korean
Andale Fonts (Optional SD card)	Simplified Chinese, Traditional Chinese, Korean, Japanese
PDF/ PostScript Level 3	35 Fonts

REMOTE MANAGEMENT SOFTWARE
PrintNet Enterprise Suite	Enterprise Grade Remote Management Solution

OPTIONS AND ACCESSORIES
* WiFi 802.11 a/b/g/n
* Parallel Port Card
* GPIO
* TN5250/3270
* PostScript/PDF
* IPDS

* Online Data Validator (ODV)
* Rewinder / Peel & Present 4"/ 6"/ 8"
* Heavy Duty Cutter 4"/ 6"/ 8"
* Premium Asian Font Cards
* Premium Andale Font Cards
* QCMC (SD Quick Change Memory Card)

Contact your local Printronix authorized reseller.

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