

# Thermal Transfer Desktop Printers

## 4-inch Barcode & Label Printers



2 models available:  
TD-4420TN  
TD-4520TN




### Print Performance, Meet Affordability

Introducing the first installment of a line of Thermal Transfer printers from Brother. These precision-built barcode label printers deliver the right level of performance, quality and integration at an exceptional value.

The TD-4420TN and TD-4520TN Thermal Transfer Desktop printers from Brother support a large variety of printing materials, have an easy to load ribbon, and fast print speeds to boost productivity and easily scale the labeling capacity. Customers can easily and affordably produce the labels they need, with the reliability and support that Brother delivers.

Thermal transfer printing for media in harsh conditions and long-term use in warehouses, manufacturing, supply chain process, parcel and post, and permit printing.

- **Compatibility.** Integrates with leading WMS, manufacturing and other software solutions
- **Quality.** 203 and 300 dpi models print clean, crisp text and accurate scanning barcodes.
- **Reliable.** Backed with an industry leading 2-year Premium Limited Warranty.
- **Networked.** Models come standard with LAN, USB, Host USB and Serial interfaces.
- **Affordable.** Because powerful desktop printing doesn't always come at a price.

	 Print Speed	 DPI	 Cutter/Peeler
TD-4420TN	6ips max	203	Optional
TD-4520TN	5ips max	300	Optional

### Tools and Software for Easy Integration



Retail



Transportation



Manufacturing  
& Warehousing



Healthcare

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## Technical Specifications for the TD-4420TN and TD-4520TN

Base Model	TD-4420TN	TD-4520TN
Printing Technology	Thermal Transfer	
Media/Print Width	4.4" (112mm) / 4.25" (108mm)	4.4" (112mm) / 4.16" (105.7mm)
Print Head Resolution	203dpi x 203dpi (8 dots/mm)	300dpi x 300dpi (12 dots/mm)
Print Engine Speed	Up to 6ips (152.4mm/sec)	Up to 5ips (127mm/sec)
In Box Solution	Seagull BarTender UltraLite Design/Print Software Application	
OS Supported	Windows Server 2016/2012R2/2012/2008R2/2008, Windows 10/8/7, Windows Vista, Mac OS® 10.14 or Higher, Linux	
Printer Languages	ZPLII, EPL2, DPL	
Control Panel	1 Key / 1 LED	
Standard Interfaces	Ethernet LAN (10/100Base-TX), USB 2.0, Host-USB, RS232C Serial	
Printer Memory	128MB Flash, 64 SDRAM	
Resident Barcodes	Linear: Code39, Code93, Code128, ITF, UPC-A/E, EAN8/13, GS1-128 (UCC/EAN-128), GS1 DataBar (RSS), MSI/Plessey, Industrial 2/5, Codabar (NW-7), POSTNET, FIM, USPS Intelligent Mail, LOGMARS, BC-412, Code11, Code35, German 1-2/5, UPC SHIP, UPS 11, Matrix 2/5, 4 state PostBar, Australian 4-state, TELEPEN, PLANET 2 Dimensional: PDF417/MicroPDF417, Data Matrix, Maxicode, QR Code, Aztec	
Real Time Clock	Standard	
Label Peeler	Optional (Factory installed options)	
Automatic Cutter	Optional (Factory installed options)	
Audio Device	Standard	
Printer Sensors	Transmissive (Gap), Full Width Moveable Reflective (Black Mark), Option: Peeler	
Media Type	Roll or Fan-Fold / Die Cut or Continuous / Label, Receipt, Tag and Wristband	
Media Roll Size	5.00" (127mm) Outer Diameter, 1" (25.4mm) or 1.5" (38mm) Core Inside Diameter	
Media Loading	Drop-In Spindle-Less Design, Rear Feed (External Roll and Fanfold)	
Media Specifications	Width: 0.79" - 4.41" (20mm - 112mm), Thickness: 2.36mil - 7.48mil (0.06mm - 0.19mm), Length: 0.2" - 1,000" (5mm - 25,400mm) Length (Peeler/Cutter): 1" - 6" (25.4mm - 152.4mm)	
Ribbon Types	Wax, Semi (Wax/Resin), Resin	
Ribbon Length	984' (300m) / 2.64" (67mm) OD on 1" Core, 361' (110m) / 1.57" (40mm) OD on 0.5" Core	
Ribbon Width	4.33" (110mm) - 1.57" (40mm), [Widths < 4.33" (110mm) Requires Included Ribbon Spindle]	
Ribbon Take Up Core	4.33" (110mm) / 1" or 0.5" Core w/ 2 Notches, [1" Core w/o Notches Requires Included Ribbon Spindle]	
Optional Accessories	PA-RH-001 External Roll Holder	
Carton Contents	Printer, AC Adapter, Power Cord, USB Cable, Ribbon Spindle (2 pieces), Documents	
Printer Size (w x h x l)	8.03" (204mm) x 6.99" (177.5mm) x 11.02" (280mm)	
Power Specifications	External AC Adapter (Input: 100 - 240VAC 50/60Hz 2.0A, Output: 24VDC 2.5A)	
ENERGY STAR Certified	Yes	
Operating Temperature/Humidity	41°F - 104°F (5°C - 40°C) / 25% - 85%	
Storage Temperature/Humidity	-40°F - 140°F (-40°C - 60°C) / 10% - 90%	

## Brother 4-inch Thermal Transfer Desktop Printer Supplies, Accessories and Service



### Supplies

- Brother Premium receipt paper and label rolls for all your applications.
- Custom options also available.



### Accessories

- We offer an optional External Roll Holder and we can provide configured options for printers with a peeler or cutter.



### Assure Service Program

- Extend the useful life of your printer by adding an extended service program.

800-543-6144

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