Thermal Transfer Desktop Printers

4-inch Barcode & Label Printers

4 Models Available

Optional extended roll holder available

Print Performance, Meet Affordability

Introducing the new line up of 4 inch Thermal Transfer desktop printers from Brother. These precision-built barcode label printers deliver the right level of performance, quality and integration at an exceptional value.

The Thermal Transfer Desktop printers from Brother are easy to integrate, support a large variety of printing materials, has fast print speeds to boost productivity and the industry's best 2 year premier limited warranty. Customers can affordably produce the labels they need, with the reliability and support that Brother delivers.

Thermal transfer printing is ideally suited for harsh conditions and long-term use in warehouses, manufacturing, supply chain, parcel and post.

- **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 Premier Limited Warranty, even includes the printhead.
- **Versatile Connectivity.** All models come standard with LAN, USB, Host-USB and Serial interfaces, Wi-Fi® and *Bluetooth*® Wireless Technology wireless interfaces come standard with the higher performance models.
- **Affordable.** Because powerful desktop printing doesn't always come at a price.
- **Performance.** Print speeds up to 8 ips.

	WiFi	USB	Bluetooth®	Ethernet	Serial	DPI	Speed	Direct Thermal	Thermal Transfer	Cutter/Peeler
TD-4420TN		●		●	●	203	6ips max	●	●	Optional
TD-4520TN		●		●	●	300	5ips max	●	●	Optional
TD-4650TNWB	●	●	●	●	●	203	8ips max	●	●	Optional
TD-4750TNWB	●	●	●	●	●	300	6ips max	●	●	Optional

Tools and Software for Easy Integration

BarTender®
UltraLite label design software

SAP®

Retail

Transportation

Manufacturing & Warehousing

Healthcare

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at your side

Technical Specifications for the TD-4420TN, TD-4520TN, TD-4650TNWB and TD-4750TNWB

Base Model	TD-4420TN	TD-4520TN	TD-4650TNWB	TD-4750TNWB
Printing Technology	Thermal Transfer			
Media/Print Width	4.4" (112mm) / 4.25" (108mm)	4.4" (112mm) / 4.16" (105.7mm)	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)	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)	Up to 8ips (203.2mm/sec)	Up to 6ips (152.4mm/sec)
In Box Solution	Seagull BarTender UltraLite Design/Print Software Application			
OS Supported	Windows Server 2016/2012R2/2012/2008R2/2008, Windows 10/8/7, Mac OS® V10.10 or Higher, Linux		Windows Server 2019/2016/2012R2/2012/2008R2/2008 Windows 10/8/7, Windows Vista, Mac OS® V10.6 or Higher, Linux	
SDK Support	Windows Server 2016/2012R2/2012/2008R2/2008, Windows 10/8/7		Windows Server 2019/2016/2012R2/2012/2008R2/2008 Windows 10/8/7, Windows Vista, Android v5 or Higher, iOS v9 or Higher	
Printer Languages	FBPL, ZPLII®, EPL2™, DPL			
Control Panel	1 Key / 1 LED		6 Keys / 1 LED (3 Color), 3.5" Color LCD	
Standard Interfaces	Ethernet LAN (10/100Base-TX), USB 2.0, Host-USB, RS232C Serial		Wi-Fi® WLAN (5GHz 802.11a/n and 2.4GHz 802.11b/g/n Infrastructure), Ethernet LAN (10/100Base-TX)	
Optional Interfaces	None			
Security Protocols	WLAN: 802.1x (EAP-FAST, PEAPv0, EAP-TLS, EAP-TTLS, LEAP)			
Wireless Security	Infrastructure: WEP 64/128bit, WPA/WPA2-PSK (TKIP/AES)			
Bluetooth Profiles	Serial Port (SPP), GATT			
Printer Memory	128MB Flash, 64 SDRAM		128MB Flash, 128 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), ITF14, EAN14, Code 49, POSTNET, LOGMARS, Code11, TELEPEN, PLANET, Deutsche Post Identcode, Deutsche Post Leitcode, China Post 2 Dimensional: PDF417/MicroPDF417, Data Matrix, Maxicode, QR Code, Aztec		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), ITF14, EAN14, Code 49, POSTNET, LOGMARS, Code11, TELEPEN, PLANET, Deutsche Post Identcode, Deutsche Post Leitcode, China Post 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" (38.1mm) 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 (203dpi): 0.2" – 1,000" (5mm – 25,400mm), Length (300dpi): 0.2" – 450" (5mm – 11,430mm), 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 Take-Up 1" Core, Ribbon Spindle (2 pieces), Documents			
Printer Size (w x h x l)	8.03" (204mm) x 6.46" (164mm) x 11.02" (280mm)		8.62" (219mm) x 7.52" (191mm) x 11.2" (284mm)	
Power Specifications	External AC Adapter (Input: 100 - 240VAC 50/60Hz 1.5A, Output: 24VDC 2.5A)		External AC Adapter (Input: 100 - 240VAC 50/60Hz 2.0A, Output: 24VDC 3.75A)	
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 labels rolls and ink ribbon types 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

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

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