



 DATASHEET

# Desktop Direct Thermal Printer Series

Print Performance,  
Meet Affordability

**Product SKUs**

- [TD-4210D](#)
- [TD-4410D](#)
- [TD-4420DN](#)
- [TD-4520DN](#)
- [TD-4550DNWB](#)



TD 4 DESKTOP THERMAL PRINTER SERIES

# Print performance, meet affordability.

With 4-inch Desktop Direct Thermal Printers from Brother, you have the capabilities you need to move inventory faster, track it better, and minimize the cost of doing it all.

These precision-built barcode label printers deliver the right levels of performance, quality, and integration at an exceptional value. From inventory and shipping to barcode and shelf labeling – now you can easily and affordably produce the labels you need, with the reliability and support that only Brother delivers.

Expect a complete set of connectivity options, superior software compatibility, fast printing, and high resolutions. It's powerful desktop printing that doesn't come at a price.



	User Interface	Wi-Fi®	Airprint®	USB	Bluetooth®	Ethernet	Resolution	Speed <sup>1</sup>	Realtime Clock
<b>TD-4210D</b>	3 keys / 3 LEDs			✓			203dpi	5ips	
<b>TD-4410D</b>	3 keys / 3 LEDs			✓			203dpi	8ips	
<b>TD-4420DN</b>	3 keys / 3 LEDs			✓		✓	203dpi	8ips	
<b>TD-4520DN</b>	3 keys / 3 LEDs			✓		✓	300dpi	6ips	
<b>TD-4550DNWB</b>	7 keys / LCD	✓	✓	✓	MFi	✓	300dpi	6ips	✓

## Key features



**Simplicity:** Create professional labels with the included P-touch Editor label design software— no expertise required.



**Affordability:** Help cut costs upfront and improve ROI with the most affordable desktop direct thermal print solutions available.



**Quality:** 203dpi and 300dpi models print clean, crisp barcodes, fonts, logos, and more.



**Compatibility:** Integrate with WMS systems, manufacturing platforms, and other software solutions.



**Reliability:** Backed by an industry-leading Two-year Premier Limited Warranty, which even includes the printhead.<sup>2</sup>



**Performance:** Help boost productivity with print speeds up to 8 inches per second.<sup>1</sup>

Learn more about the TD 4  
Desktop Thermal Printer Series



## Industry applications

Easy to operate and maintain, Brother four-inch desktop direct thermal printers produce high-quality shipping and barcode labels.



### Warehouse

- Barcodes
- Item marking
- License plates

### Transportation & logistics

- Shipping labels
- Product ID labels
- Pallet labels
- Parcel and post labels

### Manufacturing

- Parts / product labels
- Storage labels

### Retail

- Product labels
- Inventory labels
- Barcodes



### Supplies

Find thermal full-page paper and labels certified by Brother to provide the best image quality for all your applications.<sup>3</sup> Custom sizes and preprint options are also available.



### Accessories

We offer accessories to meet current and future configuration needs, such as an optional peeler or cutter and replacement platen roller and printhead.<sup>3</sup>



### Extended warranty service

Extend the useful life of your printer by adding an extended service program<sup>3</sup> at any point while your printer is still under warranty.

## Get in contact

800-543-6144  
MobileSales@Brother.com  
BrotherMobileSolutions.com

## Software tools for easy integration and label design



SAP



BarTender



Loftware NiceLabel



Teklynx

	TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
--	----------	----------	-----------	-----------	-------------

## General

<b>Box Contents</b>	Printer, AC Adapter, Power Cord, USB Cable, Documents				
<b>Dimensions (W x H x L)</b>	7.1in (180mm) x 6.1in (155mm) x 8.8in (224mm)				
<b>Power Specifications</b>	External AC Adapter (Input: 100 - 240VAC 50/60Hz 2.0A, Output: 24VDC 5A)				
<b>Printer Memory</b>	64MB Flash, 256MB SDRAM				
<b>Control Panel</b>	3 Keys / 3 LEDs		3 Keys / 3 LEDs		7 Keys / 3 LEDs, LCD
<b>Real Time Clock</b>	None		None		Standard (Coin Cell Battery Optional)
<b>Label Designer</b>	P-Touch Editor to design labels and connect to databases				
<b>Operating Systems</b>	Windows® 11/10/8.1	Windows 11/10/8.1/7	Windows Server 2022/2019/2016/2012R2/2012/2008R2/2008, Windows 11/8.1/8/7, Linux		
<b>SDK Support</b>	Windows b-PAC	Windows b-PAC, Android™ 4.0.3 or Higher	Windows b-PAC, Android 4.0.3 or Higher, iOS® 11 or Higher		
<b>Device Management</b>			BRAdmin Professional 4		
<b>Printer Languages</b>	ZPL II, EPL, DPL, CPCL, Raster Graphics, Text (Template), ESC/P				AirPrint®
			ZPL II, EPL, DPL, CPCL, Raster Graphics, Text (Template), ESC/P		
<b>Temperature/Humidity</b>	Operating: 32°F - 104°F (0°C - 40°C) / 20% - 85% Storage: -4°F - 140°F (-20°C - 60°C) / 5% - 90%				
<b>Label Peeler</b>	Optional				
<b>Automatic Cutter</b>	Optional				

## Connectivity

<b>Standard Interfaces</b>	USB 2.0, RS232C Serial	Ethernet LAN (10/100Base-TX), USB 2.0, RS232C Serial	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, 802.11g/n Wireless Direct), Bluetooth Version 4.2 BLE/MFi
<b>Security Protocols</b>	None	LAN: 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS, EAP-MD5)	LAN: 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS, EAP-MD5)	
				WLAN: 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
<b>Wireless Security</b>	None		Infrastructure: WEP 64/128bit, WPA/WPA2-PSK (TKIP/AES) Wireless Direct: WPA2-PSK (AES)	
<b>Bluetooth Profiles</b>	None		Serial Port (SPP), Object Push (OPP), Hardcopy Replacement (HCRP), Generic Attribute (GATT) Low Energy	

TD-4210D

TD-4410D

TD-4420DN

TD-4520DN

TD-4550DNWB

## Printing

<b>Print Technology</b>	Direct Thermal Desktop Printer			
<b>Print Head Resolution</b>	203dpi x 203dpi (8 dots/mm) max		300dpi x 300dpi (12 dots/min) max	
<b>Print Speed<sup>1</sup></b>	Up to 5ips max (127.0 mm/sec)	Up to 8ips max (203.2mm/sec)	Up to 8ips max (203.2mm/sec)	Up to 6ips max (152.4mm/sec)
<b>Media/Print Width</b>	4.7in (118 mm) / 4.3in (108.4mm)			
<b>Resident Barcodes</b>	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 2D: PDF417/MicroPDF417, Data Matrix, Maxicode, QR Code/Micro QR Code, Aztec			
<b>Printer Sensors</b>	Top Cover, Transmissive (Gap), Full Width Moveable Reflective (Black Mark), Peeler (Option)			
<b>Media Type</b>	Brother RD Roll or Fan-Fold, Die Cut or Continuous Label, Continuous Receipt, Tag and Wristband			
<b>Media Roll Size</b>	Up to 5in (127mm) Outer Diameter   Core size from 0.5in to 1.5in Inside Diameter			
<b>Media Loading</b>	Drop-In Spindle-Less Design   Rear Feed (External Roll or Fanfold)			
<b>Media Specifications</b>	Width: 0.8in - 4.7in (19mm - 118mm)   Thickness: 2mil - 11mil (0.06mm - 0.28mm) Length: 0.3in - 118.1in (6.4mm - 3000.0mm)			
<b>Warranty<sup>2</sup></b>	2-Year Premier Limited Warranty (includes printhead)			

<sup>1</sup> Based on performance tests using Brother certified media, actual results may vary in actual applications.

<sup>2</sup> Warranty includes the printhead, which is covered up to 2 years or 1 million linear inches, whichever comes first. For full details, contact your Brother sales representative or visit our [Warranty Page](#).

<sup>3</sup> Additional purchase required.

Images are for illustrative purposes only. Actual output (such as font and margins) may vary. All specifications subject to change without notice.

Brother is a trademark or registered trademark of Brother Industries, Ltd, in the United States. All other trademarks and registered trademarks are the properties of their respective companies