



# Desktop label, wristband & receipt printers

TD-4210D / TD-4410D / TD-4420DN / TD-4520DN / TD-4550DNWB  
Data Sheet

## 4" Professional direct thermal printer

Brother's range of TD professional label printers allows you to print high quality labels on demand, whatever the requirement.

Printing labels up to 4 inches in width, using direct thermal print technology, they fit the requirements of a large range of market applications.

### Key Features:

- Fast print speeds of up to 203mm/sec (8ips)
- Direct thermal printing on a range of media
- Auto media configuration for easy setup
- Ready to integrate with iOS & Android apps
- USB, USB Host and Serial connectivity as standard

Wide feeding slot with window for oversized media

User replaceable print head and platen roller (optional)

Peeler or cutter (optional)

LCD display with Real Time Clock<sup>^</sup>

Bluetooth interface (v4.2)<sup>^</sup>

Wireless LAN supporting 2.4GHz and 5GHz bands<sup>^</sup>

## General

<b>Carton contents</b>	AC adaptor USB cable Documentation
<b>Language support</b>	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

## Dimensions & Weights

<b>Without carton</b>	180(w) x 155(d) x 224(h)   2.08Kg
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## Built In Features

<b>Printing Method</b>	Direct Thermal
<b>Minimum print length</b>	Continuous: 6.4mm, Peeler: 17mm, Cutter: 20mm, Tear: 18mm
<b>Maximum print length</b>	3000mm
<b>Minimum media width</b>	19mm
<b>Maximum media width</b>	118mm
<b>Maximum roll diameter</b>	127mm
<b>Minimum roll core diameter</b>	12.7mm

<b>Interfaces</b>	USB Ver.2.0 (Full Speed) (Type B) USB Host^ Serial RS232C (DB9 male) Bluetooth Version.4.2 /MFi / SPP, OPP, HCRP (Bluetooth Classic), GATT (Bluetooth Low Energy)^ Wireless LAN 802.11a/b/g/n supporting 2.4GHz & 5GHz (supporting AirPrint® from iOS® devices)^ Wired LAN 10/100BASE-TX^^
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<b>Operating system support</b>	Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 / Windows® 11 Microsoft® Windows® Server 2008 / Server 2008R2 / Server 2012 / Server 2012R2 / Server 2016 / Server 2019 (TD-4420DN, TD-4520DN, TD-45550DNWB)  Linux
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<b>Mobile OS Support</b>	Android 4.0.3 or later iOS® 8 or later (TD-4420DN, TD-4520DN, TD-45550DNWB) Requires 3 <sup>rd</sup> party app development using Brother SDK, further information available at <a href="https://support.brother.com/g/s/es/dev/en/index.html">https://support.brother.com/g/s/es/dev/en/index.html</a>
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<b>Software</b>	<b>P-touch Editor:</b> barcode label design software  <b>Mobile Deploy App:</b> remote printer configuration^  <b>Brother Font Manager:</b> font download tool (Windows® only via USB)  <b>Printer Settings Tool:</b> device configuration software (Windows® only via USB)
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<b>Printer commands</b>	Raster, ESC/P, P-touch Template, ZPL2, EPL2, DPL & CPCL emulations (for additional command support contact your local Brother office)
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<b>Internal fonts &amp; sizes</b>	<b>&lt;ESC/P&gt;</b> Bitmap font: LetterGothicBold (16,24,32,48dot), Helsinki (16,24,32,48dot), Brussels (24,32,48dot), Brougham (24,32,48dot), San Diego (24,32,48dot), Gothic (16,24,32dot) Outline font: LetterGothic, Helsinki, Brussels, Gothic (1 – 400dots) <b>&lt;P-touch Template&gt;</b> Outline font: LetterGothic, Helsinki, Brussels, Gothic (1 – 400dots)  Downloadable font support* via Font Manager software
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<b>Internal Barcode</b>	<b>Linear:</b> CODE 39, ITF(I-2/5), EAN-8(JAN8), EAN-13(JAN13), UPC-A, UPC-E, CODABAR (NW-7), CODE 128, GS1-128(UCC/EAN 128), GS1 Databar (Standard (Omnidirectional/Truncated/Stacked/Stacked Omnidirectional/Limited/Expanded) , CODE93, POSTNET, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode  <b>2-dimensional:</b> QR Code (model 1, model 2, micro QR), Maxicode, PDF417 (Standard, Truncate, MicroPDF417) Data Matrix (ECC200 Square, ECC200 Rectangular), Aztec
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## Environmental

<b>Operating Temperature</b>	5°C to 40°C
<b>Operating Humidity</b>	20% to 85% non-condensing
<b>Storage Temperature</b>	-20°C to 60° C
<b>Storage Humidity</b>	10% to 90% non-condensing

## Supplies

<b>Receipts</b>	BDL-7J000102-058: 101.6mm x 32.2m
	BDL-7J000076-066: 76mm x 42m
	BDL-7J000058-102: 58mm x 101.6m
	BDL-7J000058-040: 58mm x 13.8m
	BDE-1J152102-058: 85 labels - 102mm x 152mm
	BDE-1J000102-102: Continuous labels - 102mm x 58m
	BDE-1J050102-102: 1,050 labels - 102mm x 50mm
<b>Labels</b>	BDE-1J152102-102: 350 labels - 102mm x 152mm
	BDE-1J026076-102: 1,900 labels - 76mm x 26mm
	BDE-1J044076-066: 400 Labels - 76mm x 44mm
	BDE-1J026051-102: 1,900 labels - 51mm x 26mm
	BDE-1J026051-060: 500 Labels - 51mm x 26mm

## Optional Accessories (User Option)

<b>Label Peeler</b>	PA-LP-002
<b>Cutter</b>	PA-CU-001
<b>Thermal print head</b>	203dpi: PA-HU2-001 300dpi: PA-HU3-001
<b>Platen Roller</b>	203dpi: PA-PR2-001 300dpi: PA-PR3-001

<sup>^</sup>TD-4550DNWB only

<sup>^^</sup>TD-4420DN/TD-4520DN/TD-4550DNWB only

\*Font Licensee permissions are required

## Model Comparison

	TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
<b>Maximum print width</b>	104mm	104mm	104mm	108mm	108mm
<b>Print resolution</b>	203dpi	203dpi	203dpi	300dpi	300dpi
<b>Printing speed</b>	5ips (127mm/sec)	8ips (203mm/sec)	8ips (203mm/sec)	6ips (152mm/sec)	6ips (152mm/sec)
<b>USB / USB Host</b>	Yes / No	Yes / No	Yes / No	Yes / No	Yes / Yes
<b>Serial</b>	Yes	Yes	Yes	Yes	Yes
<b>Wired LAN</b>	-	-	Yes	Yes	Yes
<b>Bluetooth</b>	-	-	-	-	Yes
<b>Wi-Fi</b>	-	-	-	-	Yes
<b>LCD (incl. Real Time Clock)</b>	-	-	-	-	Yes

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