



4-Inch Direct Thermal Desktop Label Printers Data Sheet

TD-4215D / TD-4425DN / TD-4525DN / TD-4455DNWB / TD-4555DNWB/
TD-4425DNFC / TD-4555DNWBFC

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 including linerless³
- Auto media configuration for easy setup
- Ready to integrate with iOS & Android apps
- USB-C, USB Host and Serial connectivity as standard¹

Wide feeding slot with window for oversized media

User replaceable print head and platen roller (optional)

LCD display with Real Time Clock¹

Bluetooth interface¹

Wireless LAN supporting 2.4GHz and 5GHz bands¹

Pre-installed cutter with label taken sensor (Linerless models)³

General

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|-------------------------|---|
| Carton contents | AC adaptor + power cord USB cable Documentation Roll Holder |
| Language support | Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska |

Dimensions & Weights

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| Without carton | 180(w) x 224(d) x 155(h) 2.08Kg 180(w) x 224(d) x 155(h) 2.12Kg [^] 180(w) x 155(d) x 281(h) mm 2.49Kg ³ |
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Built In Features

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| Printing Method | Direct Thermal |
| Minimum print length | Continuous: 6.4mm, Peeler: 17mm, Cutter: 20mm, Tear: 18mm (Cutter mode only for Linerless models) ³ |
| Maximum print length | 3000mm |
| Minimum media width | 19mm 39mm (Linerless models) ³ |
| Maximum media width | 106mm (Linerless models) ³ 118mm |
| Maximum roll diameter | 102mm (Linerless models) ³ 127mm |
| Minimum roll core diameter | 12.7mm 25.4mm (Linerless models) ³ |

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| Interfaces | USB Ver.2.0 (Full Speed) (Type C) USB Host [^] Serial RS232C (DB9 male) Bluetooth Dual Mode(Classic + LE) (SPP, OPP, HCRP, GATT/MFi) ¹ Wireless LAN 802.11a/b/g/n supporting 2.4GHz & 5GHz (supporting AirPrint® from iOS® devices) ¹ Wired LAN 10/100BASE-TX ² |
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|---------------------------------|---|
| Operating system support | Microsoft® Windows® 10 / Windows® 11 Microsoft® Windows® Server 2016 / Server 2019 / Server 2022 / Server 2025 (TD-4425DN, TD-4525DN, TD-4455DNWB, TD-4555DNWB, TD-4425DNFC, TD-4555DNWBFC) Linux |
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|--------------------------|---|
| Mobile OS Support | Android 8 or later iOS® 15 or later (TD-4425DN, TD-4525DN, TD-4455DNWB, TD-4555DNWB, TD-4425DNFC, TD-4555DNWBFC) Requires 3 rd party app development using Brother SDK, further information available at https://www.brother.eu/en/developer |
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| Software | P-touch Editor: barcode label design software Mobile Deploy App: remote printer configuration [^] Brother Font Manager: font download tool (Windows® only via USB) BRConfiguration Tool: device configuration software (Windows® only) |
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| Printer commands | Raster, ESC/P, P-touch Template, ZPL2, EPL2, DPL & CPCL emulations (for additional command support contact your local Brother office) |
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| Internal fonts & sizes | <ESC/P> 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) <P-touch Template> Outline font: LetterGothic, Helsinki, Brussels, Gothic (1 – 400dots) Downloadable font support* via Font Manager software |
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| Internal Barcode | Linear: 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(Omni, Truncated, Stacked, Stacked Omni, Limited, Expanded, Expanded Stacked) CODE93, POSTNET, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode 2-dimensional: 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

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|------------------------------|---------------------------|
| Operating Temperature | 5°C to 40°C |
| Operating Humidity | 20% to 85% non-condensing |
| Storage Temperature | -20°C to 60° C |
| Storage Humidity | 10% to 95% non-condensing |

Supplies

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|-------------------------------------|---|
| Receipts⁶ | 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 |
| Labels⁶ | 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 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 |
| Linerless Labels³ | BFA-274058-080 Linerless Label, 58mm x 51.8m BFA-274106-080 Linerless Label, 106mm x 51.8m BFA-274080-080 Linerless Label, 80mm x 51.8m BFA-274039-102 Linerless Label, 39mm x 82.3m BDA-274058-080 Linerless Label, 58mm x 51.8m BDA-255058-102 Linerless Label, 58mm x 114m |

Optional Accessories (User Option)

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| Label Peeler | PA-LP-002 ⁶ |
| Cutter | PA-CU-001 ⁶ |
| Linerless cutter | PA-LCU-002 ³ |
| Thermal print head | 203dpi: PA-HU2-001 300dpi: PA-HU3-001 |
| Platen Roller | 203dpi: PA-PR2-001 ⁶ 300dpi: PA-PR3-001 ⁶ |
| Linerless Platen Roller | 203dpi: PA-LPR2-002 ⁴ 300dpi: PA-LPR3-002 ⁵ |
| Healthcare power adapter (IEC-60601) | PA-AD-006EU PA-AD-006UK |

¹TD-4455DNWB / TD-4555DNWB / TD-4555DNWBFC only

²TD-4425DN/TD-4525DN/TD-4455DNWB/TD-4555DNWB/
TD-4425DNFC/TD-4555DNWBFC only

³TD-4425DNFC / TD-4555DNWBFC only (Linerless models)

⁴TD-4425DNFC only (Linerless model)

⁵TD-4555DNWBFC only (Linerless model)

⁶Not compatible with TD-4425DNFC / TD-4555DNWBFC (Linerless models)

[^]TD-4455DNWB/TD-4555DNWB only

^{*}Font Licensee permissions are required

Model Comparison

| | TD-4215D | TD-4425DN / TD-4425DNFC | TD-4525DN | TD-4455DNWB | TD-4555DNWB / TD-4555DNWBFC |
|------------------------------------|------------------|----------------------------|---------------------|------------------|--------------------------------|
| Maximum print width | 104mm | 104mm | 108mm | 108mm | 108mm |
| Print resolution | 203dpi | 203dpi | 300dpi | 203dpi | 300dpi |
| Printing speed | 5ips (127mm/sec) | 8ips (203mm/sec) | 6ips (152mm/sec) | 8ips (203mm/sec) | 6ips (152mm/sec) |
| USB-C / USB Host | Yes / No | Yes / No | Yes / No | Yes / Yes | Yes / Yes |
| Serial | Yes | Yes | Yes | Yes | Yes |
| Wired LAN | - | Yes | Yes | Yes | Yes |
| Bluetooth | - | - | - | Yes | Yes |
| Wi-Fi | - | - | - | Yes | Yes |
| LCD (incl. Real Time Clock) | - | - | - | Yes | Yes |

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