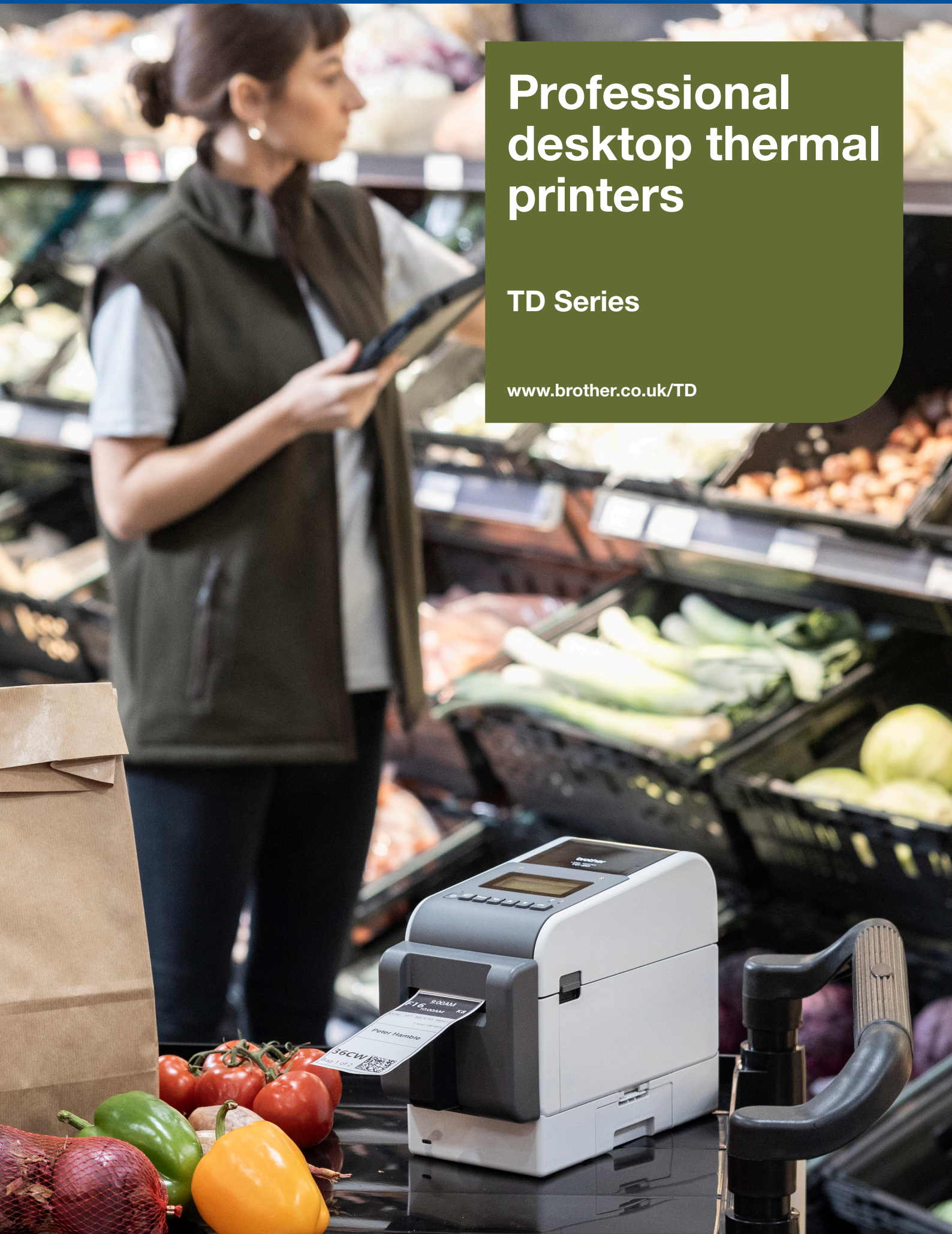


# Professional desktop thermal printers

TD Series

[www.brother.co.uk/TD](http://www.brother.co.uk/TD)





# Versatile, high-resolution desktop printers

Brother's range of TD professional thermal printers allows you to print high quality labels on demand. Printing labels up to 4 inches in width, using direct thermal and thermal transfer print technology, they fit the requirements of a large range of market applications.



TD professional  
desktop label printers



## Seamless integration

Brother's high specification desktop label printers bring you improved operational efficiency with easy to use, high speed and continuous label printing. Combined with seamless integration and modular design, you can print from virtually anywhere in the workplace. Supporting a variety of printer command languages, including ZPL II emulation, the TD printers allow you to easily integrate into existing legacy systems.



## Up to 2 inch - Direct thermal



TD-2310D203



TD-2320D203  
TD-2320D300



TD-2350D203  
TD-2350D300



TD-2320DSA203  
TD-2320DSA300



TD-2350DSA203



TD-2350DSAH300



TD-2320DFC203  
Linerless model



TD-2350DFC203  
Linerless model

## Up to 4 inch - Direct thermal



TD-4210D  
TD-4410D



TD-4420DN  
TD-4520DN



TD-4550DNWB



TD-4420DNFC  
Linerless model



TD-4550DNWBFC  
Linerless model

## Up to 4 inch - Thermal transfer / Direct thermal



TD-4420TN  
TD-4520TN



TD-4650TNWB  
TD-4750TNWB



TD-4650TNWBR  
TD-4750TNWBR



# Professional label printing



The TD series offers a range of size and connectivity options to suit your business requirements, with premium printing across the series, ensuring consistent, high-quality results.

With options including a peeler, cutter and touch display unit to fit in any workflow, plus easy media loading and linerless label capability, these printers offer a flexible and smooth user experience. They feature common printer language emulation and compatibility with major label design software to ensure seamless integration. A 3-year warranty comes as standard, providing added peace of mind.

## Printing technology

### Direct thermal

Low-cost, high-volume labels can be created using a heat-sensitive coating and thermal print head, meaning traditional printing ribbons and inks are not required. Ideal for shorter term and less permanent labelling uses.

### Thermal transfer

Crisp, durable printing is achieved through a process in which the ink is absorbed into the label, making it ideal for applications that require robust, harder-wearing and/or RFID labels.



# Healthcare, medical and laboratory



With the strict regulations on the tracking of patient specimens and other items within the healthcare industry, clear, high quality labelling is essential to maintain safety and traceability.

A selection of the thermal transfer TD models offer RFID capability, allowing healthcare organisations to implement paper-free patient identification - improving efficiency and reducing human error.

## Applications include:

- Appointment cards
- Admission labels
- Specimen, phlebotomy and pathology labels
- Blood bag labels
- Laboratory labels
- Microbiology labels
- Dosage/drug bag labels
- Wristbands.





# Warehousing and logistics



Efficient warehousing operation and worker productivity are critical to the success of many companies. With the most common sizes of shipping labels available and the ability to create custom sized labels there are many uses for these models in the warehouse.

## Applications include:

- Shipping labels
- Carton labels
- Location labels
- Pallet identification labels
- Quality control labels
- Compliance labels.





# Retail



Easy to read labels are essential for consumers to help make informed decisions prior to a potential purchase. The high print resolution and high quality labels used in this range ensure that every output printed looks professional; offering sharp text, logos and barcodes with a high contrast to ensure faultless scanning at the checkout.

Futhermore, printing labels with RFID tags enables retailers to streamline inventory management and asset tracking while improving security.

## Applications include:

- Pricing labels
- Barcode labels
- Pre-packaged food ingredient and allergen labels
- Nutrition information labels
- Shelf-edge labels
- Price markdown labels
- Gift aid labelling
- Jewellery/glasses price tags.





# TD-2D range

TD-2310D203

TD-2320D203

TD-2320D300

TD-2350D203

TD-2350D300

2 Inch

## Printing

Print technology	Direct thermal				
Print speed	152.4mm/sec (6ips)				
Resolution	203dpi	203dpi	300dpi	203dpi	300dpi
Max. print width	59mm				
Max. print length	3,000mm				
Min. print length	6.4mm				
Media sensor type	Gap (transmissive), Black mark (reflective)				
Media sensor location	Gap (fixed), Reflective (adjustable)				
Tear off release mode	Continuous, Tear off	Continuous, tear off Optional: Peel, cut			

## Media

Media types	Wristbands, continuous, die cut, fan fold, perforated, tag
Media thickness	0.058mm - 0.279mm
Media width	15mm - 63mm (Inc liner)
Media length	6.4 mm - 3,000mm
Diameter (max)	127mm
Core Diameter (max)	11~38.1mm (using media support discs)

## Connectivity

USB	USB Ver.2.0 (Full speed) (Type C)	
Serial	Original serial cable (option: PA-SCA-002)	
USB host	—	●
Bluetooth	—	Version 5.2 + BLE
Bluetooth profile	—	SPP, OPP, HCRP, GATT, MFI
Wired LAN	—	10/100BASE-TX
Wireless LAN	—	IEEE802.11 a/b/g/n (Infrastructure Mode) 2.4GHz IEEE802.11 g/n (Wireless Direct mode) 2.4GHz IEEE802.11 a/n (Infrastructure Mode) 5GHz
Wireless LAN security	—	Infrastructure Mode: <Personal mode> Open System (None/WEP) Public Key Authentication (WEP) WPA-PSK/WPA2-PSK (TKIP/AES) <Enterprise mode> EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)  Wireless direct Mode: WPA2-PSK (AES)

## General

Control panel	3 button 3 LED	7 button 3 LED Monochrome LCD
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## Power

Battery charging option	—	Optional: PA-BT-004 with PA-BB-004 (battery base)
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TD-2D range

TD-2310D203

TD-2320D203

TD-2320D300

TD-2350D203

TD-2350D300

2 Inch

Software

Operating system support	Microsoft Windows 10, 11 Microsoft Windows Server 2016,2019,2022 Linux	
Mobile OS	Android 10 or later	iOS 16 or later / Android 10 or later
Supported commands	Raster ESC/P P-touch Template ZPL 2 emulation CPCL emulation EPL 2 emulation DPL emulation	

Memory

RAM	256MB	
Flash	32MB	64MB

Environmental

Operating temperature	Printer: 5°C ~ 40°C Battery charger: 10°C ~ 35°C	
Operating humidity	20 ~ 80% (No condensation, Maximum wet bulb temperature: 27°C)	
Storage temperature	-20°C to 60°C	
Storage humidity	10% to 90% non-condensing	

Weights & dimensions

Dimensions (mm)	119 (w) x 224 (d) x 158 (h)		
Weight	1.46kg	1.50kg	1.53kg

Included items

Supplied in box	AC power cord and adaptor, USB (A to C) cable 1m, documentation, media disc		
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# TD-2D range

continued

TD-2320DSA203	TD-2320DSA300	TD-2350DSA203	TD-2350DSA300	TD-2350DFC203	TD-2320DFC203
2 Inch					

## Printing

Print technology	Direct thermal				
Print speed	152.4 mm/sec (6ips)				
Resolution	203dpi	300dpi	203dpi	300dpi	203dpi
Max. print width	59mm				
Max. print length	3,000mm				
Min. print length	6.4mm				
Media sensor type	Gap (transmissive), Black mark (reflective)				
Media sensor location	Gap (fixed), Reflective (adjustable)				
Tear off release mode	Continuous, tear off Optional: Peel, cut			Standard: Cut	

## Media

Media types	Wristbands, continuous, die cut, fan fold, perforated, tag	Linerless label rolls
Media thickness	0.058mm - 0.279mm	0.068mm-0.095mm
Media width	15mm - 63mm (Inc liner)	39mm-58mm
Media length	6.4 mm - 3,000mm	Continuous 6.4mm-3,000mm
Diameter (max)	127mm	102mm
Core Diameter (max)	11~38.1mm (using media support discs)	25mm

## Connectivity

USB	USB Ver.2.0 (Full speed) (Type C)		
Serial	Original serial cable (option: PA-SCA-002)		
USB host	●		
Bluetooth	—	Version 5.2 + BLE	—
Bluetooth profile	—	SPP, OPP, HCRP, GATT, MFI	—
Wired LAN	10/100BASE-TX		
Wireless LAN	—	IEEE802.11 a/b/g/n (Infrastructure Mode) 2.4GHz IEEE802.11 g/n (Wireless Direct mode) 2.4GHz IEEE802.11 a/n (Infrastructure Mode) 5GHz	—
Wireless LAN security	—	Adhoc Mode: N/A Infrastructure Mode: <Personal mode> Open System (None/WEP) Public Key Authentication (WEP) WPA-PSK/WPA2-PSK (TKIP/AES) <Enterprise mode> EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)  Wireless direct Mode: WPA2-PSK (AES)	—

## General

Control panel	24 button 3.5" colour touch screen	7 button 3 LED Monochrome LCD	3 button 3 LED
Carry handle	—	●	—

## Power

Battery charging option	Optional: PA-BT-004 (battery pack) with PA-BB-004 (battery base)		
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# TD-2D range

continued

TD-2320DSA203	TD-2320DSA300	TD-2350DSA203	TD-2350DSA300	TD-2350DFC203	TD-2320DFC203
2 Inch					

## Software

Operating system support	Microsoft Windows 10, 11 Microsoft Windows Server 2016,2019,2022 Linux		
Mobile OS	Android 10 or later	iOS 16 or later / Android 10 or later	Android 10 or later
Supported commands	Raster ESC/P P-touch Template ZPL 2 emulation CPCL emulation EPL 2 emulation DPL emulation		

## Memory

RAM	256MB
Flash	64MB

## Environmental

Operating temperature	Printer: 5°C ~ 40°C Battery charger: 10°C ~ 35°C
Operating humidity	20 ~ 80% (No condensation, Maximum wet bulb temperature: 27°C)
Storage temperature	-20°C to 60°C
Storage humidity	10% to 90% non-condensing

## Weights & dimensions

Dimensions (mm)	119 (w) x 224 (d) x 176 (h)	153 (w) x 280 (d) x 176 (h)	119 (w) x 256 (d) x 158 (h)	
Weight	1.77kg	1.94kg	1.82kg	1.79kg

## Included items

Supplied in box	AC power cord and adaptor, USB (A to C) cable 1m, documentation, media disc	AC power cord and adaptor, USB (A to C) cable 1m, documentation, media disc, label support
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# TD-2D accessories and consumable supplies

Customise your printer with a range of options to suit individual business needs. Whether you're optimising for on-the-go use or high-volume workflows, these options ensure your printer fits seamlessly into your operations.

## TD-2D Power and additional options

### PA-LP-008 Label peeler

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-CU-007 Cutter

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-LCU-001 Linerless cutter

TD-2320DFC203  
TD-2350DFC203



### PA-KU-001 Keyboard unit

TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-BB-004 Battery base\*

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



### PA-HU2-002 Thermal print head (203dpi)\*\*

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



### PA-HU3-002 Thermal print head (300dpi)\*\*

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



### PA-PR2-002 Platen roller (203dpi)\*\*

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-PR3-002 Platen roller (300dpi)\*\*

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300



### PA-LPR2-001 Linerless platen roller (203dpi)\*\*

TD-2320DFC203  
TD-2350DFC203



### PA-LPR3-001 Linerless platen roller (300dpi)\*\*

TD-2320DFC203  
TD-2350DFC203



### PA-BC-004 Battery charger

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



### PA-SCA-002 Serial cable

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



### PA-BT-004 Li-ion rechargeable battery\*\*\*

TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



### PA-AD-005UK Standard AC adaptor

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



### PA-AD-006UK Healthcare AC adaptor

TD-2310D203  
TD-2320D203  
TD-2320D300  
TD-2350D203  
TD-2350D300  
TD-2320DSA203  
TD-2320DSA300  
TD-2350DSA203  
TD-2350DSAH300  
TD-2320DFC203  
TD-2350DFC203



\* Requires PA-BT-004.

\*\* Can be used to upgrade/downgrade any TD-2D model, provided that the resolution of the thermal print head and platen roller is matched with the resolution of the platen roller, and the linerless capability of the model is considered.

\*\*\* Requires PA-BC-004.



# TD-2D Desktop printing supplies

Supply type	Part code	Description	Size	Quantity	Rolls/Box
<b>Receipt</b> Not compatible with TD-2320DFC203 and TD-2350DFC203 (linerless models)	BDL-7J000058-102	Continuous receipt roll	58mm x 101.6m	n/a	8
<b>Labels</b> Not compatible with TD-2320DFC203 and TD-2350DFC203 (linerless models)	BDE-1J026051-102	Die-cut labels roll	51mm x 26mm	1,900 labels	16

Supply type	Part code	Adhesive strength	Size	Rolls/Box
<b>Continuous linerless roll</b> (Linerless models only: TD-2320DFC203 and TD-2350DFC203)	BFA-274039-102	Removable (Full)	39mm x 82.3m	12
	BFA-274058-080	Removable (Full)	58mm x 51.8m	32
	BDA-274058-080	Removable (Diamond)	58mm x 51.8m	32
	BDA-255058-102	Removable (Diamond)	58mm x 114.3m	12





# TD-4D Range

TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB	TD-4420DNFC	TD-4550DNWBFC
4 inch						

## Printing

Print technology	Direct thermal				
Print speed	127mm/sec	203mm/sec	152mm/sec	203mm/sec	152mm/sec
Resolution	203dpi		300dpi	203dpi	300dpi
Max. print width	104.1mm		108.4mm	104.1mm	108.4mm
Min. print length	Continuous: 6.4mm, Peeler: 12.7mm, Cutter: 20mm, Tear: 18mm			20mm	
Max. print length	3,000mm				
Media sensor type	Gap (Transmissive), Bar (Reflective)			Gap (Transmissive), Black mark (Reflective)	
Media sensor location	Gap (Fixed), Reflective (Adjustable)				
Tear off release mode	Standard: Continuous, Tear off Optional: Peeler, Cutter			Standard: Cut	

## Media

Media types	Wristbands, Continuous, Die cut, Fan fold, Perforated, Tag	Linerless label rolls
Media thickness	0.058mm - 0.279mm	0.086mm - 0.095mm
Media width	19mm - 118.11mm	39mm - 106mm
Media length	6.4mm - 3,000mm	20mm - 3,000mm
Diameter (max)	127mm	102mm
Core diameter (min)	12.7mm	25.4mm

## Connectivity

USB	USB version 2.0 (full speed) Type B			
USB host	—	●	—	●
Serial	Serial RS232C (DB9 male)			
Wired LAN	—	10/100BASE-TX		
Bluetooth	—	Version 4.2	—	Version 4.2
Bluetooth profile	—	SPP, OPP, HCRP Bluetooth Classic, GATT (Bluetooth Low Energy)	—	SPP, OPP, HCRP Bluetooth Classic, GATT (Bluetooth Low Energy)
Wireless LAN	—	802.11a/b/g/n	—	802.11a/b/g/n
Wireless LAN security	—	See model TD-4650TNWB specifications and also includes Wireless direct mode WPA2-PSK (AES)	—	See model TD-4650TNWB specifications and also includes Wireless direct mode WPA2-PSK (AES)
MFI support	—	●	—	●
AirPrint	—	●	—	●

\* Not suitable for RFID media



TD-4D Range		TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB	TD-4420DNFC	TD-4550DNWBFC
		4 inch						
General								
Control panel	3 button 3 LED					7 button 3 LED	3 button 3 LED	7 button 3 LED
LCD type	—					Mono	—	Mono
Power								
Adaptor	AC adaptor (100 - 240V 50/60Hz)							
Software								
Operating system support	Windows 7/8/8.1/10/11, Linux			Windows 7/8/8.1/10/11, Windows Server 2008/2008R2/2012/2012R2/2016/2019/2022, Linux			Microsoft Windows 10/11, Microsoft Windows Server 2016/2019/2022, Linux	
Supported printer commands	P-touch Template, ESC/P, Raster, ZPL2, EPL2, DPL, CPCL emulation							
Barcode symbologies	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 (Standard (Omnidirectional)/ Truncated/Stacked/Stacked Omnidirectional/ Limited/Expanded), 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							
Internal fonts	<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: LetterGothicRegular, Helsinki, Brussels, Gothic (1 - 400dots) <P-touch Template> Outline font: LetterGothicRegular, Helsinki, Brussels, Gothic (1 - 400dots) Downloadable font support* via Font Manager software							
Memory								
RAM	256MB							
Flash	64MB							
Environmental								
Operating temperature	Operate: 5°C to 40°C							
Operating humidity	20 - 85% (No condensation, Max wet bulb temperature: 27°C)							
Storage temperature	-20°C to 60°C							
Storage humidity	10 - 90% (No condensation)							
Weights and dimensions								
Dimensions (mm)	180(w) x 155(h) x 224(d)						180(w) x 155(h) x 281(d)	
Weights	2.08kg						2.49kg	
Included items								
Supplied in box	AC adaptor and cord, USB cable, documentation						AC adaptor and cord, USB cable, documentation, label support	

\*Font licensee permissions are required

# TD-4D Accessories and consumable supplies

Brother has designed and engineered a wide range of accessories to help customise your labelling solution. Brother accessories help users equip their device to cope with the specific requirements of use.

## TD-4D Additional options

### PA-LP-002 Label peeler

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



### PA-CU-001 Cutter

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



### PA-LCU-002 Linerless cutter

TD-4420DNFC  
TD-4550DNWBFC



### PA-HU2-001 Thermal print head (203dpi)

TD-4210D  
TD-4410D  
TD-4420DN  
TD-4420DNFC



### PA-HU3-001 Thermal print head (300dpi)

TD-4520DN  
TD-4550DNWB  
TD-4550DNWBFC



### PA-PR2-001 Platen roller (203dpi)

TD-4210D  
TD-4410D  
TD-4420DN



### PA-PR3-001 Platen roller (300dpi)

TD-4520DN  
TD-4550DNWB



### PA-LPR2-002 Linerless platen roller (203dpi)

TD-4420DNFC



### PA-LPR3-002 Linerless platen roller (300dpi)

TD-4550DNWBFC



### TD4HOLDERU1 Tablet holder

TD-4420DN  
TD-4520DN  
TD-4550DNWB



## TD-4D Desktop printing supplies

Supply type	Part code	Description	Size	Quantity	Rolls/box
<b>Receipt</b> Not compatible with TD-4420DNFC and TD-4550DNWBFC (linerless models)	BDL-7J000102-058	Continuous receipt roll	101.6mm x 32.2m	n/a	20
	BDL-7J000076-066	Continuous receipt roll	76mm x 42m	n/a	8
	BDL-7J000058-102	Continuous receipt roll	58mm x 101.6m	n/a	8
	BDL-7J000058-040	Continuous receipt roll	58mm x 13.8m	n/a	24
<b>Labels</b> Not compatible with TD-4420DNFC and TD-4550DNWBFC (linerless models)	BDE-1J000102-102	Continuous label roll	102mm x 58m	n/a	8
	BDE-1J050102-102	Die-cut label roll	102mm x 50mm	1,050 labels	8
	BDE-1J152102-058	Die-cut label roll	102mm x 152mm	85 labels	20
	BDE-1J152102-102	Die-cut label roll	102mm x 152mm	350 labels	8
	BDE-1J026076-102	Die-cut label roll	76mm x 44mm	1,900 labels	8
	BDE-1J044076-066	Die-cut label roll	76mm x 44mm	400 labels	8
	BDE-1J026051-102	Die-cut label roll	51mm x 26mm	1,900 labels	16
	BDE-1J026051-060	Die-cut label roll	51mm x 26mm	500 labels	12

Supply type	Part code	Adhesive strength	Size	Rolls/box
<b>Continuous linerless roll</b> (Linerless models only: TD-4420DNFC and TD-4550DNWBFC)	BFA-274039-102	Removable (full)	39mm x 82.3m	12
	BFA-274058-080	Removable (full)	58mm x 51.8m	32
	BFA-274080-080	Removable (full)	80mm x 51.8m	32
	BFA-274106-080	Removable (full)	106mm x 51.8m	9



# TD-4T Range

TD-4420TN	TD-4520TN	TD-4650TNWB	TD-4750TNWB	TD-4650TNWBR	TD-4750TNWBR
4 inch					

## Printing

Print technology	Thermal Transfer/Direct Thermal					
Print speed	152mm/sec	127mm/sec	203.2mm/sec	152.4mm/sec	203.2mm/sec	152.4mm/sec
Resolution	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi
Max. print width	108mm	105.7mm	108mm	105.7mm	108mm	105.7mm
Min. print length	Peeler: 25.4mm, Cutter: 25.4mm Tear: 50mm		Continuous: 5mm Tear mode: Media width less than 2 inch: 25.4 mm Media width greater than 2 inch: 50 mm Peeler mode: 25.4mm Cutter mode: 25.4mm			
Max. print length	25,400mm	11,430mm	25,400mm	11,430mm	25,400mm	11,430mm
Media sensor type	Gap (Transmissive), Bar (Reflective)					
Media sensor location	Gap (Fixed), Reflective (Adjustable)					
Tear off release mode	Standard: Continuous, tear off Optional: Peeler, cutter		Standard: Continuous, tear off Optional: Peeler, cutter		Standard: Continuous, tear off Optional: Peeler, cutter*	

## Media

Media types	Wristbands, Continuous, Die cut, Fan fold, Perforated, Tag	Media type Continuous, black mark, label with gap, notch media, punched hole media	Media type Continuous, black mark, label with gap, notch media, punched hole media, Gen2 RFID tag
Media thickness	0.06 - 0.19mm		
Media width	20 - 112mm		
Media length	5mm - Max. print length		
Diameter (max)	127mm		
Core diameter (min)	25.4mm and 38.1mm		

## Ribbon

Types	Wax, Wax/Resin, Resin
Wound type	Outside wound
Ribbon width	40 - 110mm
Suggested paper core width	0.5 inch paper core: fixed width 110mm, width 2 notches in each side 1inch paper core: fixed width 110mm with 2 notches in each side 1inch paper core: paper core width is the same as ribbon width and use with ribbon spindles
Inner paper core and ribbon length	0.5 inch paper core: Max. OD 40mm, 110m length 1inch paper core: Max. OD 67mm, 300m length

## Connectivity

USB	USB version 2.0 (full speed) Type B		USB Version 2.0 (High Speed)			
USB host capability	●	●	●	●	●	●
Serial	Serial RS232C (DB9 female)		Serial RS232C (DB9 female)			
Wired LAN	10/100BASE-TX					
USB host port	●	●	●	●	●	●
Bluetooth	—		Version 5.0			
Bluetooth profile	—		SPP, Bluetooth Classic, GATT			
Wireless LAN	—		802.11a/b/g/n			
Wireless LAN security	—		Authentic method (encryption scheme) Infrastructure mode - Open system (None/ WEP64/WEP128) Common key authentication (WEP) WPA/WPA2 - PSK (TKIP+AES) EAP-FAST (TKIP/AES), PEAP (TKIP/AES), EAP-TLS (TKIP/AES), EAP-TTLS (TKIP/AES)			
MFI support	—		—			
AirPrint	—		—			
Wired LAN	●	●	●	●	●	●

\* Not suitable for RFID media

# TD-4T Range

TD-4420TN		TD-4520TN		TD-4650TNWB		TD-4750TNWB		TD-4650TNWBR		TD-4750TNWBR	
4 inch											
General											
Control panel		1 button 1 LED with 3 colours			1 LED with 3 colors, 6 buttons for Navigation, MENU and FEED/PAUSE/SELECT						
LCD type		—			Colour						
Power											
Adaptor		AC adaptor Input: AC 100-240V, 2.0A, 50-60Hz Output: DC24V, 2.5A, 60W, LPS			AC adaptor Input: AC 100-240V, 2.0A, 50-60Hz Output: DC 24V, 3.75A, 90W CEC6 compliance						
Software											
Operating system support		Windows 7/8.1/10/11, Windows Server 2008/2008R2/2012/2012R2/2016/2019, Linux, Mac OS v10.6-11									
Supported printer commands		FBPL-EZD (EPL2, ZPL2, DPL) emulation									
Barcode symbologies		Linear: Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Code39, Code39 with check digit, Code93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, Code11, TELEPEN, TELEPENN, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS 2-dimensional: GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417									
Internal fonts		8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font									
Memory											
RAM		64MB			128MB						
Flash		128MB									
Environmental											
Operating temperature		Operate: 5°C to 40°C									
Operating humidity		25 - 85% non-condensing									
Storage temperature		-40°C to 60°C									
Storage humidity		10 - 90% (No condensation)									
Weights and dimensions											
Dimensions (mm)		204(w) x 178(d) x 280(h)			219(w) x 284(d) x 191(h)						
Weights		2.5kg			3.0kg						
Included items											
Supplied in box		AC adaptor and cord, USB cable, Documentation, Pair of 1" Ribbon spindles for 300M ribbon, 1" Ribbon paper core			AC adaptor and cord, Pair of 1" ribbon spindles for 300m ribbon, 1" Ribbon paper core, USB Cable (1.5m), Quick start guide, Product safety guide (including warranty card)						



# TD-4T Accessories and consumable supplies

## TD-4T Additional options

### PA-RH-001

#### External roll holder

TD-4420TN  
TD-4520TN  
TD-4650TNWB  
TD-4750TNWB  
TD-4650TNWBR  
TD-4750TNWBR



### PA-CU-003

#### Cutter

TD-4420TN  
TD-4520TN  
TD-4650TNWB  
TD-4750TNWB  
TD-4650TNWBR\*  
TD-4750TNWBR\*



### PA-LP-004

#### Peeler

TD-4420TN  
TD-4520TN  
TD-4650TNWB  
TD-4750TNWB  
TD-4650TNWBR\*  
TD-4750TNWBR\*



\* Not recommended for use with RFID tags

## Desktop printing supplies

Supply type	Part code	Description	Size	Quantity	Rolls/box
Labels	BUS-1J074102-121	Uncoated thermal transfer die cut labels	102mm x 74mm	1,100 labels	6
	BUS-1J150102-121	Uncoated thermal transfer die cut labels	102mm x 150mm	550 labels	6
	BCS-1J074102-121	Coated thermal transfer die cut labels	102mm x 74mm	1,100 labels	6
	BCS-1J150102-121	Coated thermal transfer die cut labels	102mm x 150mm	550 labels	6
Ribbons	BWS-1D300-060	Standard wax ribbon	60mm x 300m	n/a	12
	BWS-1D300-080	Standard wax ribbon	80mm x 300m	n/a	12
	BWS-1D300-110	Standard wax ribbon	110mm x 300m	n/a	12
	BWP-1D300-060	Premium wax ribbon	60mm x 300m	n/a	12
	BWP-1D300-080	Premium wax ribbon	80mm x 300m	n/a	12
	BWP-1D300-110	Premium wax ribbon	110mm x 300m	n/a	12
	BSS-1D300-060	Standard wax/resin ribbon	60mm x 300m	n/a	12
	BSS-1D300-080	Standard wax/resin ribbon	80mm x 300m	n/a	12
	BSS-1D300-110	Standard wax/resin ribbon	110mm x 300m	n/a	12
	BSP-1D300-060	Premium wax/resin ribbon	60mm x 300m	n/a	12
	BSP-1D300-080	Premium wax/resin ribbon	80mm x 300m	n/a	12
	BSP-1D300-110	Premium wax/resin ribbon	110mm x 300m	n/a	12
	BRS-1D300-060	Standard resin ribbon	60mm x 300m	n/a	12
	BRS-1D300-080	Standard resin ribbon	80mm x 300m	n/a	12
	BRS-1D300-110	Standard resin ribbon	110mm x 300m	n/a	12
	BRP-1D300-060	Premium resin ribbon	60mm x 300m	n/a	12
	BRP-1D300-080	Premium resin ribbon	80mm x 300m	n/a	12
	BRP-1D300-110	Premium resin ribbon	110mm x 300m	n/a	12

For additional consumable options please contact your local Brother office.

With label design apps for desktop PCs and mobile devices, and Software Development Kits (SDKs) to integrate the TD range into your own applications, you can choose the best option for your label printing needs. Brother provides all the necessary tools required for software developers to integrate printing into their applications. Printer drivers are available for Windows OS, and SDKs can be provided to support Windows Mobile,\* Android and iOS operating systems.

## Software, support and features

### P-touch editor

Supplied as standard, you can create your own custom labels with pixel precision by using this powerful software solution. With features such as support for over 15 barcode protocols, advanced image dithering to print high quality grayscale images, and the ability to link to data contained in Excel spreadsheets for batch printing of labels, any label design is possible.

### Crop function

Built into the Windows driver, this function helps take away the inconvenience of using A4 sheets of labels in your standard printer. This clever feature automatically scans through the document and where a barcode is present it extracts shipping or product labels one at a time then prints as individual labels on the Brother label printer.

### Template mode

Design the required document on your Windows PC, including logos and barcodes. Once transferred and stored in the printer's memory, the template can be recalled and any data replaced, before printing with just a few short commands.

### Printer commands

With support for ZPL II emulation and a variety of additional printer command languages, developers can easily integrate printing into existing legacy systems (see specification tables for further details).

### Mobile deploy

Cloud-based app for mobile devices (iOS and Android™), which allows IT administrators to remotely update and configure multiple Brother mobile printers. Using Mobile Deploy, the administrator can easily upload new update packages to an online location, and then share the URLs with the users.

### Software development kits (SDKs)

Brother can also supply a selection of free of charge Software Development Kits to give you an easy method of incorporating label printing directly from within your own software programs. Available from: **[www.brother.eu/developer](http://www.brother.eu/developer)**

### Legacy print data conversion

This feature simplifies integration with legacy systems by converting print commands into P-touch templates. These templates can be updated externally to the legacy system without the need of specialist knowledge of print languages such as EPL, ESC/POS and others.

\* Compatibility may vary dependent on model - check table on following page





## Software

Model No	TD-2310D203	TD-2320D203	TD-2320D300	TD-2350D203	TD-2350D300	TD-2320DSA203	TD-2320DSA300	TD-2350DSA203	TD-2350DSAH300	TD-2320DFC203	TD-2350DFC203	TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB	TD-4420DNFC	TD-4550DNWBFC	TD-4420TN	TD-4520TN	TD-4650TNWB	TD-4750TNWB	TD-4650TNWBR	TD-4750TNWBR
P-touch Editor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Deploy App				✓	✓			✓	✓		✓					✓		✓						
Brother Font Manager*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
Printer Settings Tool	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
Bartender Ultra Lite Edition																			✓	✓	✓	✓	✓	✓
Brother Printer Management Tool																			✓	✓	✓	✓	✓	✓
Crop Function (Windows driver)			✓		✓		✓		✓						✓	✓		✓		✓		✓		✓
	TD-2D											TD-4D								TD-4T				

\* Font licensee permissions are required

For further details visit: <https://support.brother.com>

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at your side

Contact:

[www.brother.co.uk/TD](http://www.brother.co.uk/TD)

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