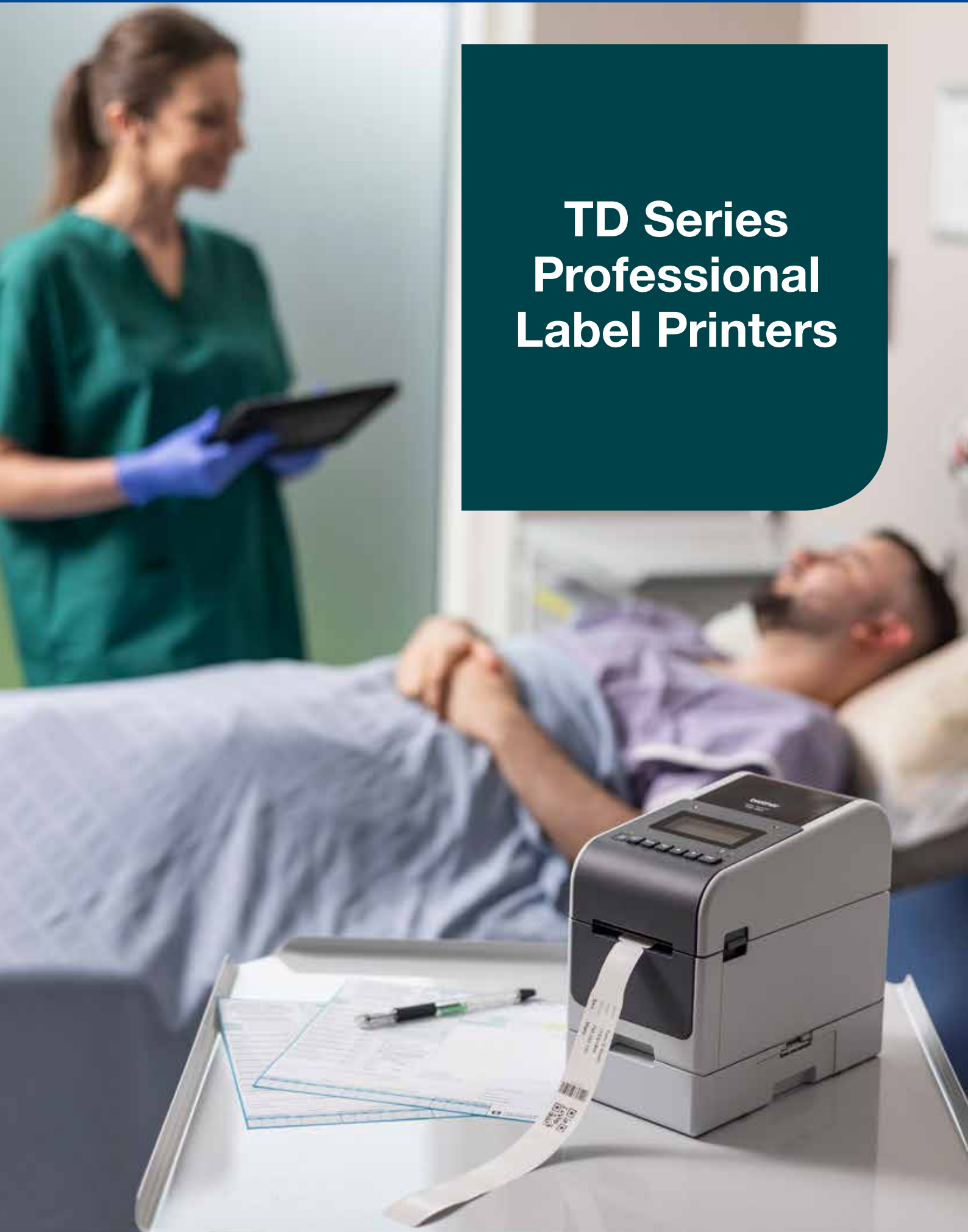


# TD Series Professional Label Printers







Brother's TD series professional label printers provide the flexibility to print high-quality labels on demand.

Print up to 4 inches in width and with direct thermal printing technology, TD series professional label printers can meet the requirements of a variety of corporate industrial vertical market applications.

## TD Series



## Seamless Integration

Designed for improved operational efficiency, the high-specification TD series label printers offer a user-friendly experience. These label printers deliver exceptional quality, combining high-speed printing with continuous operation.

With modular design and seamless integration, TD series label printers can function virtually anywhere. Furthermore, compatibility with various printer command languages, such as ZPL II, EPL2 and DPL emulation, ensures smooth integration with existing legacy systems.



TD-2310D(203)



TD-2320D(300)



TD-2350D(300)



TD-2320DSA(300)

## Up to 2 inch width - Direct Thermal



TD-2310D(203)



TD-2320D(300)



TD-2350D(300)



TD-2320DSA(300)

## Up to 4 inch width - Direct Thermal



TD-4410D



TD-4420DN



TD-4520DN



TD-4550DNWB

Models availability differ by country. Please contact your local Brother Sales office for more information.





## Professional Label Printing

**Labels are often required to display important information. TD series label printers can efficiently compile the necessary information and deliver consistent high-quality printouts.**

TD series label printers can deliver high print speeds and resolutions up to 300 dpi. Offering versatility, optional accessories such as label peelers or automatic cutters can enable on-demand printing of continuous media in desired lengths.

Brother's P-touch Editor software can create professional labels with its barcode printing, embellished font programming for emphasis and graphic and data import capabilities for a truly personalised touch.

## Direct Thermal Printing Technology

Direct thermal printing is a cost-effective process that is ideal for short-term labelling needs. It utilises a heat-sensitive coating and a thermal print head while eliminating the need for traditional ribbons and ink.



## Healthcare, Medical and Laboratory

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

TD series label printers can implement patient identification, which helps to improve efficiency and reduce human error.

### Applications include:

- Appointment cards
- Admission labels
- Specimen and Pathology labels
- Blood bag labels
- Laboratory labels
- Microbiology labels
- Dosage and Drug bag labels
- Wristbands





# Warehousing and Logistics

Efficient warehousing operations and worker productivity are crucial to the success of many organisations.

TD series label printers can address this need by printing common and custom label sizes.

This versatility allows for numerous applications within the warehouse, streamlining processes and enhancing worker efficiency.

## 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 make informed decisions before a purchase.

TD series high-resolution label printers can produce high-quality and professional-looking labels.

These labels feature sharp text, logos and high-contrast barcodes, enabling faultless scanning at checkout.

### Applications include:

- Pricing labels
- Barcode labels
- Pre-packaged food ingredients labels
- Nutrition information labels
- Shelf-edge labels
- Sale/mark-down/discount pricing labels





# TD-2D series

## Brief Specification

	TD-2310D(203)	TD-2320D(300)	TD-2320DSA(300)	TD-2350D(300)
	2 inch			

### Printing

Print technology	Direct thermal		
Print resolution	203dpi	300dpi	
Print speed	152.4mm/sec, (6ips)		
Maximum print width	59mm		
Minimum print length	6.4mm		
Maximum print length	3000mm		
Media sensor type	Gap (Transmissive), Black mark (Reflective)		
Media sensor location	Gap (fixed), Reflective (adjustable)		
Release mode	Continuous, Tear off	Continuous, Tear off, Optional: Peel, Cut	

### Connectivity

USB	USB version 2.0 (Full Speed) (Type-C)			
USB Host Port	—	Yes		
Serial	Original serial cable (option: PA-SCA-002)			
Bluetooth® wireless connection	—	—	—	Yes, Bluetooth® Dual-Mode (Classic + Low Energy), Made for iPhone
Wireless LAN	—	—	—	IEEE 802.11 b/g/n (Infrastructure mode) IEEE 802.11 g/n (Wi-Fi® Direct mode)
Wired LAN	—	10/100BASE-TX		

### General

Dimensions (mm)	119mm (W) x 224mm (D) x 158mm (H)		119mm (W) x 224mm (D) x 176mm (H)	119mm (W) x 224mm (D) x 158mm (H)
Weight	1.46kg	1.50kg	1.77kg	1.53kg
Control panel	3 button, 3 LED		24 button, 3.5" colour touch screen	7 button, 3 LED, Monochrome LCD
Operating systems support	Microsoft® Windows®, Microsoft® Windows® Server®, Linux			
Supported commands	Raster ESC/P P-touch Template, ZPL II emulation CPCL emulation, EPL2 emulation, DPL emulation			
Mobile Operating systems	Android™			Android™, iOS®

# TD-4D series

## Brief Specification

TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
4 inch			

### Printing

Print technology	Direct thermal		
Print resolution	203dpi		300dpi
Print speed	203mm/sec, (8ips)		152mm/sec, (6ips)
Maximum print width	104.1mm		108.4mm
Minimum print length	6.4mm		
Maximum print length	3,000mm		
Media sensor type	Gap (transmissive), Bar (reflective)		
Media sensor location	Gap (fixed), Reflective (adjustable)		
Release mode	Continuous, Tear off, Optional: Peel, Cut		

### Connectivity

USB	USB version 2.0 (Full Speed) (Type B)			
USB Host Port	—	—	—	Yes
Serial	Yes	Yes	Yes	Yes
Bluetooth® wireless connection	—	—	—	Yes
Wireless LAN	—	—	—	Yes
Wired LAN	—	Yes	Yes	Yes

### General

Dimensions (mm)	180mm (W) x 224mm (D) x 155mm (H)		
Weight	2.08kg		
Control panel	3 buttons, 3 LED		7 buttons, 3 LED
Operating systems support	Microsoft® Windows®, Linux	Microsoft® Windows®, Microsoft® Windows® Server®, Linux	
Supported commands	Raster ESC/P P-touch Template ZPL II emulation CPCL emulation EPL2 emulation DPL emulation		

# TD-2D accessories

## Power and Optional Accessories

PA-LP-008  
Label Peeler

TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)



PA-CU-007  
Cutter

TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)



PA-BT-004  
Rechargeable  
Li-ion battery\*

TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)

\* Requires PA-BC-004



PA-BB-004  
Battery base\*

TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)

\* Requires PA-BT-004



PA-BC-004  
Battery charger

TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)



PA-HU2-002  
Thermal Print  
head (203dpi)

TD-2310D(203)



PA-HU3-002  
Thermal Print  
head (300dpi)

TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)



PA-PR2-002  
Platen roller  
(203dpi)

TD-2310D(203)



PA-PR3-002  
Platen roller  
(300dpi)

TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)



PA-SCA-002  
Serial cable

TD-2310D(203)  
TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)



PA-AD-005 (EU)  
Standard AC adapter

TD-2310D(203)  
TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)



PA-AD-005 (UK)  
Standard AC adapter

TD-2310D(203)  
TD-2320D(300)  
TD-2350D(300)  
TD-2320DSA(300)





# TD-4D accessories

## TD-4D Optional Accessories

PA-LP-002  
**Label Peeler**

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



PA-CU-001  
**Cutter**

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



PA-HU2-001  
**Thermal Print head (203dpi)**

TD-4410D  
TD-4420DN



PA-HU3-001  
**Thermal Print head (300dpi)**

TD-4520DN  
TD-4550DNWB



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

TD-4410D  
TD-4420DN



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

TD-4520DN  
TD-4550DNWB



Brother offers a comprehensive solution to meet label printing requirements. label design apps for desktops and mobile devices allow for easy customisation.

Additionally, a Software Development Kit (SDK) can empower the seamless integration of TD series label printers with existing applications.

Brother can provide all the necessary tools for software developers with printer drivers available for Windows®, with SDK support extending to mobile platforms like Android™, iOS® and Windows® Mobile.

## Software Support Features

### P-touch Editor

P-touch Editor software is complimentary and can be downloaded from Brother Solution Center to create custom labels with pixel-perfect precision.

This versatile software boasts over 15 barcode protocols, advanced image dithering for high-quality grayscale images and has the ability to link with Excel® spreadsheets for efficient batch label printing. With these features, any label designs are possible.

### Crop Function

TD series label printers eliminate the frustration of misaligned labels, a common issue when using A4 label sheets with standard printers.

Windows® driver function can streamline label printing. It can automatically scan documents to locate barcodes, extract and print individual shipping or product labels directly from TD series label printer.

### Template Mode

Design the required document on a Windows® computer including logos and barcodes.

Transferred and stored the template on TD series label printer's memory. Template can be recalled and any data can be replaced before printing with just a few short commands.

### Printer Commands

Extensive emulation capabilities, including ZPL II, EPL2, DPL and a variety of additional printer command languages, can empower the software developers to integrate TD series label printers seamlessly into any existing legacy system.

(Refer to the specification tables for further details).

### Mobile Deploy

A cloud-based app for mobile devices (iOS® and Android™) allows IT administrators to configure and update multiple label printers remotely.

With Mobile Deploy, IT administrator can easily upload any new update packages to an online location and share the URLs with their users at remote locations for updates.

### Software Development kit (SDK)

Brother provides complimentary Software Development Kit (SDK) for easy integration with any third-party legacy software programs.

Download from:

<https://support.brother.com/g/s/es/dev/en/index.html>

### Legacy Print Data Conversion

This feature simplifies the integration with the legacy systems by converting the print commands into P-touch Templates.

These templates can be updated externally to a legacy system without requiring any specialist knowledge on the print languages such as ESC/POS or others.

### Smooth Print

Smooth Print is an app for printing labels or receipts from iOS® or Android™ mobile devices on TD series label printers.

Smooth Print can work from a user's web app or mobile app via a URL scheme.

More details are available from:

<https://support.brother.com/g/s/es/dev/en/index.html>

\* Compatibility vary dependently on models. Refer to the table on the following page for reference.



## Software

Model Number	TD-2310D(203)	TD-2320D(300)	TD-2320DSA(300)	TD-2350D(300)	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
P-touch Editor	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Deploy App				✓				✓
Brother Font Manager*	✓	✓	✓	✓	✓	✓	✓	✓
Printer Settings Tool	✓	✓	✓	✓	✓	✓	✓	✓
Crop Function (Windows® driver)		✓	✓	✓			✓	✓


TD-2D

TD-4D

\* Font licensee permissions are required

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



The background of the image shows a clothing store. A man in a black t-shirt is looking at a blue t-shirt hanging on a rack. A woman in a red top and black jacket is standing nearby. In the foreground, a white and grey label printer sits on a wooden counter, printing a label with a barcode and text. Several other printed labels are scattered on the counter. A red and white striped garment is also visible on the right side of the counter.

**TD series label printers  
are versatile and can  
cater to a variety of  
labelling applications**

# TD-2D series

## Detail Specification

TD-2310D(203)		TD-2320D(300)		TD-2320DSA(300)		TD-2350D(300)	
2 inch							
Printing							
Print technology	Direct thermal						
Print speed	152.4mm/sec, (6ips)						
Resolution	203dpi	300dpi					
Maximum print width	59mm						
Maximum print length	3,000mm						
Minimum 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 (including liner)						
Media length	6.4mm - 3,000mm						
Diameter (maximum)	127mm						
Core Diameter (maximum)	11mm ~ 38.1mm (using media support discs)						
Connectivity							
USB	USB version:2.0 (Full Speed), (Type-C)						
Serial	Original serial cable (option: PA-SCA-002)						
USB host port	—	Yes					
Bluetooth® wireless connection	—					Bluetooth® Dual-Mode (Classic + Low Energy), Made for iPhone	
Bluetooth® Profile	—					SPP, OPP, HCRP, GATT	
Wired LAN	—	10/100BASE-TX					
Wireless LAN	—				IEEE 802.11 b/g/n (Infrastructure mode) 2.4GHz IEEE 802.11 g/n (Wi-Fi® Direct mode) 2.4GHz IEEE 802.11 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)  Wi-Fi® Direct mode: WPA2-PSK (AES)		
General							
Control panel	3 buttons, 3 LED			24 buttons, 3.5" colour touch screen		7 buttons, 3 LED, Monochrome LCD	
Power							
Battery charging option	—	Optional: PA-BT-004 (Rechargeable Li-ion battery) with PA-BB-004 (battery base)					



# TD-2D series

## Detail Specification

TD-2D series Detail Specification		TD-2310D(203)	TD-2320D(300)	TD-2320DSA(300)	TD-2350D(300)
		2 inch			
Software					
Operating systems support	Microsoft® Windows®, Microsoft® Windows® Server®, Linux				
Mobile Operating systems	Android™		Android™, iOS®		
Supported commands	Raster ESC/P P-touch Template ZPL II emulation CPCL emulation EPL2 emulation DPL emulation				
Memory					
RAM	256MB				
Flash	32MB	64MB			
Environmental					
Operating temperature	Label 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 and Dimensions					
Dimensions (mm)	119mm (W) x 224mm (D) x 158mm (H)		119mm (W) x 224mm (D) x 176mm (H)		119mm (W) x 224mm (D) x 158mm (H)
Weight	1.46kg	1.50kg	1.77kg	1.53kg	
Bundled items					
Package content	Label Printer				
	AC Power cord and adapter				
	USB (A to C) Cable, 1m long				
	Documentation				
	Media disc: Default: 25mm ~ 25.4mm (1"), 34.9mm (1.38") included: 11mm ~12.7mm (0.5"), 19mm (0.75")				





# TD-4D series

## Detail Specification

TD-4410D

TD-4420DN

TD-4520DN

TD-4550DNWB

4 inch

### Printing

Print technology	Direct thermal	
Print speed	203mm/sec, (8ips)	152mm/sec, (6ips)
Resolution	203dpi	300dpi
Maximum print width	104.1mm	108.4mm
Maximum print length	3,000mm	
Minimum print length	6.4mm	
Media sensor type	Gap (transmissive), Black mark (reflective)	
Media sensor location	Gap (fixed), Reflective (adjustable)	
Tear off release mode	Standard: Continuous, Tear off, Optional: Peeler, Cutter	

### Media

Media types	Wristbands, Continuous, Die-cut, Fan fold, Perforated, Tag
Media thickness	0.058mm - 0.279mm
Media width	19mm - 118.11mm
Media length	6.4mm - 3,000mm
Diameter (maximum)	127mm
Core Diameter (minimum)	12.7mm

### Connectivity

USB	USB version 2.0 (Full speed), Type B	
Serial	Serial RS-232C (DB9 male)	
USB host port	—	Yes
Bluetooth® wireless connection	—	Bluetooth® Dual-Mode (Classic + Low Energy)
Bluetooth® Profile	—	SPP, OPP, HCRP, GATT
Wired LAN	—	10/100BASE-TX
Wireless LAN	—	IEEE 802.11 a/b/g/n (Infrastructure mode) IEEE 802.11 g/n (Wi-Fi® Direct mode)
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) Authentic method (encryption scheme) Wi-Fi® Direct mode WPA2-PSK (AES)
Made for iPhone	—	Yes
AirPrint®	—	Yes

### General

Control panel	3 button, 3 LED	7 button, 3 LED
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### Power

AC Adapter	AC adapter (100V - 240V, 50Hz/60Hz)
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# TD-4D series

## Detail Specification

TD-4410D

TD-4420DN

TD-4520DN

TD-4550DNWB

4 inch

### Software

Operating systems support	Microsoft® Windows®, Linux	Microsoft® Windows®, Microsoft® Windows® Server®, Linux
Supported commands	Raster ESC/P P-touch Template ZPL II emulation CPCL emulation EPL2 emulation DPL 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> BMP: 9 Letter Gothic Bold: 3 (15,21,28dot) Helsinki: 3 (15,21,28dot) Gothic: 3 (16,24,32dot)  <ESC/P> Outline: 4 Letter Gothic Regular Helsinki, Brussels, Gothic 1 dots - 400 dots  <ZPL> BMP: 10 Letter Gothic Bold: 5(9,11,18,26,60dot) Symbol: 1 (24dot) OCR-A: 2 (21,34dot) OCR-B: 2 (28,42dot) Outline: 1 Utah Condensed Bold 1 dots - 400 dots  <P-touch Template> BMP: 20 Letter Gothic Bold: 4 ( 16,24,32,48dot ) Helsinki: 4 ( 16,24,32,48dot ) Brussels: 3 ( 24,32,48dot ) Brougham: 3 ( 24,32,48dot ) San Diego: 3 ( 24,32,48dot ) Gothic: 3 (16,24,32dot)  Outline: 4 Letter Gothic Regular Helsinki, Brussels, Gothic	

### Memory

RAM	256MB
Flash	64MB

### Environmental

Operating temperature	Operate: 5°C to 40°C
Operating humidity	20% ~ 85% (No condensation, Maximum wet bulb temperature: 27°C)
Storage temperature	-20°C to 60°C
Storage humidity	10% to 90% non-condensing

### Weights and Dimensions

Dimensions (mm)	180mm (W) x 224mm (D) x 155mm (H)
Weights	2.08kg

### Bundled items

Package content	Label Printer
	AC power cord and adapter
	USB (A to B) Cable, 1m long
	Documentation

**brother**  
at your side