brother
at your side

Professional desktop label printers

TD Series



Versatile, high-resolution desktop printers



Brother's range of TD professional label printers offer the ability to print high quality labels on demand, whatever the requirement. Printing labels up to 4 inches in width, and with direct thermal and thermal transfer print technology, they fit the requirements of a large range of vertical 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, print from virtually anywhere in the workplace. Supporting a variety of printer command languages, including ZPL II emulation, the TD printers allow you to integrate into existing legacy systems.



Up to 2 inch - Direct Thermal



TD-2020A TD-2120N TD-2130N TD-2125N TD-2135N TD-2125NWB TD-2135NWB

Up to 4 inch - Direct Thermal



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

Up to 4 inch - Thermal Transfer / Direct Thermal



TD-4420TN TD-4520TN



TD-4650TNWB TD-4750TNWB TD-4650TNWBR TD-4750TNWBR

Professional label printing



Labels are often required to display a considerable amount of important information, so you need a printer that can put it all together efficiently, with consistent, high-quality results.

The TD Series of desktop label printers offers direct thermal and thermal transfer high speed printing, at up to 300 dpi resolution. Options include a peeler or automatic cutter, for producing continuous media to your required length on demand. The software supports barcode printing, embellish font programming for highlighting specific words, and also allows you to import graphics and date formats for a truly personalised solution.

Printing Technology

Direct Thermal

Low-cost, high-volume labels can be created through this process, which uses a heat-sensitive coating and thermal print head, meaning traditional printing ribbons and ink 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 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.

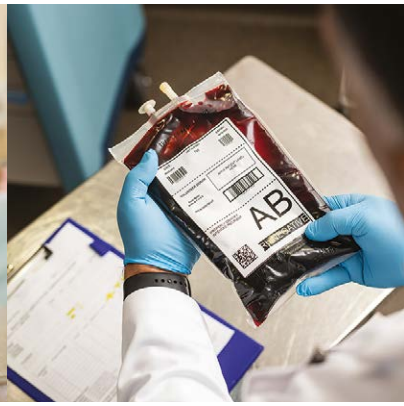
A selection of the thermal transfer TD models offer RFID capability, enabling healthcare organisations to implement paper-free patient identification - improving efficiency and reducing human error.

Applications include:

- Appointment cards
- Admission labels
- Specimen 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 ingredients labels
- Nutrition information labels
- Shelf-edge labels
- Sale/mark-down/discount pricing labels







TD-2000 Range
brief summary

	TD-2020A	TD-2120N	TD-2130N
	2 Inch		
Printing			
Print technology	Direct thermal		
Print speed	152mm/sec		
Resolution	203dpi		300dpi
Max print width	56mm		
Min print length	6mm		
Max print length	1000mm		
Media sensor type	Gap (transmissive), Bar (reflective)		
Media sensor location	Gap (fixed), Reflective (adjustable)		
Tear off release mode	●	●	●
Connectivity			
USB	●	●	●
Serial (via adapter)	●	●	●
Wired LAN	–	●	●
USB Host Port	–	●	●
Wireless LAN (option)	–	●	●
General			
Dimensions (mm)	110 (w) x 215 (d) x 172 (h)		
Weight	1.32kg	1.34kg	
Control panel	3 button 2 LED		
LCD*	–	●	
Operating system support	Windows 8.1/10/11, Linux	Windows XP/ Vista 7/8/10/11 Windows Server 2008/2008R2 Windows Server 2012/2012R2/2016/2019/2022, Linux	
Supported commands	P-touch Template, ESC/P, Raster, ZPL II emulation		

* Via Touch Display Unit (optional).

TD-2000 Range
brief summary

	TD-2125N	TD-2135N	TD-2125NWB	TD-2135NWB
	2 Inch			
Printing				
Print technology	Direct thermal			
Print speed	152mm/sec			
Resolution	203dpi	300dpi	203dpi	300dpi
Max print width	56mm			
Min print length	6mm			
Max print length	1000mm			
Media sensor type	Gap (transmissive), Bar (reflective)			
Media sensor location	Gap (fixed), Reflective (adjustable)			
Tear off release mode	●	●	●	●
Connectivity				
USB	●	●	●	●
Serial (via adapter)	●	●	●	●
Wired LAN	●	●	●	●
USB Host Port	●	●	●	●
General				
Dimensions (mm)	110 (w) x 215 (d) x 172 (h)			
Weight	1.33kg		1.34kg	
Control panel	3 button 2 LED			
LCD*	●	●	●	●
Operating system support	Windows 8.1/10/11 Windows Server 2012/2012R2, 2016,2019,2022			
Supported commands	P-touch Template2.0, ZPLII emulation, Raster, ESC/P, CPCL emulation			

* Via Touch Display Unit (optional).

TD-4D Range
brief summary

	TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
	4 Inch				
Printing					
Print technology	Direct thermal				
Print speed	127mm/sec	203mm/sec		152mm/sec	
Resolution	203dpi			300dpi	
Max print width	104.1mm			108.4mm	
Min print length	Continuous: 6.4mm, Peeler: 12.7mm, Cutter: 20mm, Tear: 27mm				
Max print length	3000mm				
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				
Connectivity					
USB	●	●	●	●	●
Serial	●	●	●	●	●
Wired LAN	–	–	●	●	●
USB Host Port	–	–	–	–	●
Bluetooth	–	–	–	–	●
Wireless LAN	–	–	–	–	●
General					
Dimensions (mm)	180(w) x 224(d) x 155(h)				
Weight	2.08kg				
Control panel	3 button 3 LED				7 button 3 LED
LCD	–				●
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		
Supported commands	P-touch Template, ESC/P, Raster, ZPL2, EPL2, DPL, CPCL emulation				

TD-4T Range
brief summary

	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	
Connectivity						
USB	●	●	●	●	●	●
Serial	●	●	●	●	●	●
Wired LAN	●	●	●	●	●	●
USB Host Port	●	●	●	●	●	●
Bluetooth	–	–	●	●	●	●
Wireless LAN	–	–	●	●	●	●
Connectivity						
Dimensions (mm)	204(w) x 280(d) x 164(h)		219(w) x 284(d) x 191(h)			
Weight	2.5kg					
Control panel	1 button 1 LED with 3 colours		1 LED with 3 colors. 6 buttons for Navigation, MENU and FEED/PAUSE/SELECT			
LCD	–		●	●	●	●
Operating system support	Windows 7/8/8.1/10/11 Windows Server 2008/2008R2/ 2012/2012R2/2016 OS X 10.10.x,10.11.x macOS 10.12.x, 10.13.x, 10.14.x, 11 Linux		Windows 7 Windows 8 Windows 8.1 Windows 10 Windows 11 Windows Server 2008, 2008 R2, 2012, 2012 R2, 2016, 2019 Linux Mac OS v10.6-11			
Supported commands	FBPL-EZD (EPL2, ZPL2, DPL) emulation					

TD-2000 Accessories
and supplies

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

Power and additional options

PA-WI-001

Wi-Fi Interface

TD-2120N
TD-2130N



PA-TDU-001

Touch Display Unit

TD-2120N
TD-2130N
TD-2125N
TD-2135N
TD-2125NWB
TD-2135NWB



PA-BB-001

Battery Charging Unit*

TD-2120N
TD-2130N



* Requires PA-BT-4000LI.

PA-BT-4000LI

Li-ion rechargeable Battery*

TD-2120N
TD-2130N



* Requires PA-BB-001.

PA-LP-001

Label Peeler

TD-2120N
TD-2130N
TD-2125N
TD-2135N
TD-2125NWB
TD-2135NWB



Desktop printing supplies
TD-2000

Certified by Brother International Europe



Supply type	Part code	Description	Size	Quantity	Rolls/Box
Receipt	BDL-7J000058-102	Continuous receipt roll	58mm x 101.6m	n/a	8
Labels	BDE-1J026051-102	Die-cut labels roll	51mm x 26mm	1,900 labels	16





TD-4D Accessories
and supplies

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-HU2-001
Thermal Print Head (203dpi)

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



PA-HU3-001
Thermal Print Head (300dpi)

TD-4520DN
TD-4550DNWB



PA-PR2-001
Platen Roller (203dpi)

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



PA-PR3-001
Platen Roller (300dpi)

TD-4520DN
TD-4550DNWB



Desktop printing supplies
TD-4D

Certified by
Brother International Europe



Supply type	Part code	Description	Size	Quantity	Rolls/Box
Receipt	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
Labels	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 26mm	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





Desktop printing supplies
TD-4T

Certified by Brother International Europe





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.

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 PC's and mobile devices, and Software Development Kits (SDK's) 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 SDK's can be provided to support Windows Mobile*, Android and iOS operating systems.

Software Support 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.

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.

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 on the Brother label printer.

Software Development Kits (SDK's)

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

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.

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 ESC/POS and others.

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).

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



Software

Model No	TD-2020A	TD-2120N	TD-2130N	TD-2125N	TD-2135N	TD-2125NWB	TD-2135NWB	TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB	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)											✓	✓						

* Font licensee permissions are required.

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


Our printers have all the specifications you need for fit-for-purpose labelling solutions
POWER
STATUS
LABEL PRINTER
TD-2120N
brother
Peppered Cheese
PREP TIME
DATE
11/02/19
TIME
13:04
USE BY
14/02/19
13:04
Signed
PH
THU

TD-2000 Range
in detail

	TD-2020A	TD-2120N	TD-2130N
	2 Inch		
Printing			
Print technology	Direct thermal		
Print speed	MAX 6 ips (152.4 mm/sec) (*Under Brother standard environment) (Battery option: Max 3 ips (76.2mm/sec)		
Resolution	203dpi		300dpi
Max. print width	56mm (2.205 inch)		
Max. print length	1,000 mm (9.37 inch)		
Min. print length	6mm (0.24 inch)		
Media sensor type	Gap (transmissive), Bar (reflective)		
Media sensor location	Reflective (adjustable), Gap (fixed)		
Tear off release mode	Standard: Continuous, Tear off	Standard: Continuous, tear off Optional: Peeled	
Media			
Media types	Receipt, label and wristband		
Media thickness	0.058mm - 0.279mm (0.0023 inch to 0.011 inch)		
Media width	19mm - 63mm (0.75 inch to 2.48 inch)		
Media length	12.7 mm - 1,000 mm (0.5 inch to 39.37 inch)		
Diameter (max)	127mm (5 inch)		
Core Diameter (max)	25.4mm (1 inch)		
Connectivity			
USB	●	●	●
Serial	Yes - RS232C - Original serial cable (option required)		
Wired LAN	—	10/100BASE-TX	
USB host port	—	Supported only PA-WI-001 (optional) or barcode readers	
Wireless LAN (option)	—	IEEE802.11b/g/n (Infrastructure Mode IEEE802.11b (Adhoc mode)	
Wireless LAN security	—	Open System (None/WEP) <Personal mode> Open System (None/WEP) Public Key Authentication (WEP) WPA-PSK/WPA2-PSK (TKIP/AES) <Enterprise mode> LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TTLS (TKIP/AES) EAP-TLS (TKIP/AES)	
General			
Control panel	3 button 2 LED		
Touch panel keyboard display with real time clock (option)	—	●	●
Tear bar	●	●	●
Peeler	—	Optional	
Battery (option)	—	●	●
Battery charging time	—	180 min. (23°C New battery)	
Battery yield	—	57mm x 200m (1 roll : 5 inch OD roll) Connected by USB with new battery with full charging. Printed by Brother special data (9% coverage 57mm x 127mm) at 23 degree Ceisius (*Under Brother standard environment)	
Serial adapter	Yes - RS232C - Original serial cable (option required)		

TD-2000 Range
in detail

	TD-2020A	TD-2120N	TD-2130N
	2 Inch		
Memory			
RAM	256MB	32MB	
Flash	64MB	16MB	
Environmental			
Operating temperature	Operate: 5°C to 40°C	Operate: 5°C to 40°C Charge: 5°C to 40°C	
Operating humidity	20 to 80% (No condensation, Maximum wet bulb temperature: 27°C)		
Storage temperature	-20°C to 60°C		
Storage humidity	20 to 80% (No condensation, Maximum wet bulb temperature: 45°C)		
Weights & Dimensions			
Dimensions (mm)	110 (w) x 215 (d) x 172 (h)		
Weights	Printer: 1.32kg	Printer: 1.34kg. Printer with battery: 1.88kg	
Included Items			
Supplied in box	Printer		
	AC power cord & AC adaptor		
	—	CD (Printer Driver, P-touch Editor 5.0, P-touch Transfer Manager 2.1, P-touch Update Software, BRAdmin Light, Printer Setting tool, User's Guide, Software User's Guide, Network User's Guide)	
	USB Cable (mini-USB)		
	Quick Reference Guide. Product Safety Guide (including warranty card)		





TD-2000 Range
in detail

	TD-2125N	TD-2135N	TD-2125NWB	TD-2135NWB
	2 Inch			
Printing				
Print technology	Direct thermal			
Print speed	152.4 mm/sec (6ips)			
Resolution	203dpi	300dpi	203dpi	300dpi
Max. print width	56mm (2.2 inch)			
Max. print length	1,000 mm (39.3 inch)			
Min. print length	6 mm (0.23inch)			
Media sensor type	Gap (transmissive), Bar (reflective)			
Media sensor location	Reflective (adjustable), Gap (fixed)			
Tear off release mode	Standard: Continuous, tear off Optional: Peeled			
Media				
Media types	Receipt (Non-coated & Coated) Die cut label Tag Wristband			
Media thickness	0.058mm - 0.279mm (0.0023 inch to 0.011 inch)			
Media width	19mm - 63mm (0.75 inch to 2.48 inch)			
Media length	12.7 mm - 1,000 mm (0.5 inch to 39.37 inch)			
Diameter (max)	127mm (5 inch)			
Core Diameter (max)	25.4mm (1 inch)			
Connectivity				
USB	●	●	●	●
Serial	Yes - Original serial cable (Option: PA-SCA-001)			
Wired LAN	10/100BASE-TX			
USB host port	Yes			
Bluetooth	—	—	Version 5.2 +BLE	
Bluetooth profile	—		SPP (Serial Port Profile)/ OPP (Object Push Profile) / HCRP (Hard Copy Replacement Profile) / MFi(iAP2) supported	
Wireless LAN	—		Infrastructure IEEE802.11b/g/n 2.4GHz Wireless Direct IEEE802.11g/n 2.4GHz *IEEE802.11a/n 5GHz Ad-hoc is not supported	
Wireless LAN security	—		Infrastructure Mode: <Personal mode> Open System(None/WEP) Public Key Authentication(WEP) WPA-PSK/WPA2-PSK/WPA3-SAE(TKIP+AES) WPA3-SAE(AES) <Enterprise mode> EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TTLS (TKIP/AES) EAP-TLS (TKIP/AES) *LEAP is not supported.	
General				
Control panel	3 button 2 LED			
Touch panel keyboard display with real time clock (option)	●	●	●	●
Tear bar	●	●	●	●
Peeler	Optional			
Battery (option)	—			
Serial adapter	Yes - RS232C - Original serial cable (option required)			

TD-2000 Range
in detail

	TD-2125N	TD-2135N	TD-2125NWB	TD-2135NWB
	2 Inch			
Memory				
RAM	256MB			
Flash	64MB			
Environmental				
Operating temperature	Operate: 5°C to 40°C			
Operating humidity	20 to 80% (No condensation, Maximum wet bulb temperature: 27°C)			
Storage temperature	-20°C to 60°C			
Storage humidity	20 to 80% (No condensation, Maximum wet bulb temperature: 45°C)			
Weights & Dimensions				
Dimensions (mm)	110 (w) x 215 (d) x 172 (h)			
Weights	Printer: 1.33kg		Printer: 1.34kg	
Included Items				
Supplied in box	Printer, AC power cord & AC adaptor, USB Cable (mini-USB), Quick Reference Guide. Product Safety Guide (including warranty card)			





TD-4D Range
in detail

	TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
	4 Inch				
Printing					
Print technology	Direct thermal				
Print speed	127mm/sec	203mm/sec		152mm/sec	
Resolution	203dpi			300dpi	
Max. print width	104.1mm			108.4mm	
Min. print length	Continuous: 6.4mm, Peeler: 12.7mm, Cutter: 20mm, Tear: 27mm				
Max. print length	3000mm				
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				
Media					
Media types	Wristbands, Continuous, Die cut, Fan fold, Perforated, Tag				
Media thickness	0.058mm - 0.279mm (0.002 inch to 0.011 inch)				
Media width	19mm - 118.11 mm (0.75 inch to 4.65 inch)				
Media length	6.4mm - 3,000 mm (0.25 inch to 118.11 inch)				
Diameter (max)	127mm (5 inch)				
Core Diameter (min)	12.7mm (0.5 inch)				
Connectivity					
USB	USB version 2.0 (full speed) Type B				
USB host capability	—				●
Serial	Serial RS232C (DB9 male)				
Wired LAN	—		10/100BASE-TX		
USB host port	—				●
Bluetooth	—				Version 4.2
Bluetooth profile	—				SPP, OPP, HCRP Bluetooth Classic, GATT (Bluetooth Low Energy)
Wireless LAN	—				802.11a/b/g/n
Wireless LAN security	—				See model TD-4650TNWB specifications and also includes Wireless direct mode WPA2-PSK (AES)
MFI support	—				●
AirPrint	—				●
Wired LAN	—		●	●	●

TD-4D Range
in detail

	TD-4210D	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
	4 Inch				
General					
Control panel	3 button 3 LED				7 button 3 LED
LCD type	—				Mono
Power					
Adapter	AC adapter (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 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 to 85% (No condensation, Max wet bulb temperature: 27°C)				
Storage temperature	-20°C to 60°C				
Storage humidity	10 to 90% (No condensation)				
Weights & Dimensions					
Dimensions (mm)	180(w) x 155(d) x 224(h)				
Weights	2.08kg				
Included Items					
Supplied in box	AC adaptor & cord, USB cable, documentation				

TD-4T Range
in detail

	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: 25.4.mm, 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 - 0.19 mm (0.002 inch to 0.007 inch)					
Media width	20 - 112mm (0.79 inch to 4.41 inch)					
Media length	5mm - Max. print length (0.20 inch to Max inch)					
Diameter (max)	127mm (5 inch)					
Core Diameter (min)	25.4mm & 38.1mm (1.0 inch & 1.5 inch)		25.4mm & 38.1mm			
Ribbon						
Types	Wax, Wax/Resin, Resin					
Wound type	Outside wound					
Ribbon width	40 - 110 mm (1.57 inch to 4.33 inch)					
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 & 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
in detail

	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						
Adapter	AC adapter Input: AC 100-240V, 2.0A, 50-60Hz Output: DC24V, 2.5A, 60W, LPS		AC adapter Input: AC 100-240V, 2.0A, 50-60Hz Output: DC 24V, 3.75A, 90W CEC6 compliance			
Software						
Operating system support	Windows 7, 8, 8.1, 10, 11 Windows Server 2008, 2008 R2, 2012, 2012 R2, 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 to 85% non-condensing					
Storage temperature	-40°C to 60°C					
Storage humidity	10 to 90% (No condensation)					
Weights & Dimensions						
Dimensions (mm)	204(w) x 280(d) x 164(h)		219(w) x 284(d) x 191(h)			
Weights	2.5kg		3.0kg			
Included Items						
Supplied in box	AC adaptor & cord, USB cable, documentation. Pair of 1" Ribbon spindles for 300M ribbon 1" ribbon paper core		Printer AC code & AC adaptor A 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)			

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