

**Durable
industrial
label printers**

TJ Series

www.brother.eu

TJ Industrial label printers.
**Strong dependable
label printing**



Brother has been innovating and developing labelling machines for over 30 years, always with the focus of making processes more efficient.

Years of experience in labelling and print, developing products across a wide range of industries, has been channelled into our range of industrial label printers. The TJ series offers high-volume label printing and performance you can rely on.



TJ industrial label printers



Robust, reliable performance, keeping you organised and in control

The TJ series has been designed to ensure minimal downtime and maximum productivity through fast print speeds, large ribbon capacity and in-built durability, making them perfect for tough production environments.

With stress-free integration and various connectivity options, these durable printers are ready to meet a wide range of requirements - whether that's shipping and receiving labels, product labels, compliance labels or another labelling application.

Always ready when you are, TJ printers can print more than 1,000 labels a day to meet peaks in demand - whatever the environment.

TJ Industrial label printers

Built to meet the needs of every business sector

The TJ series has been built to meet your requirements, to provide labelling solutions that are “At your side” every step of the way.

The high-performing range of industrial printers meet the needs of demanding labelling environments, with accessories and software compatibility to ensure we have a solution for your industry’s challenges.

✓ Manufacturing

Our high-volume label printers offer fast print speeds to keep up with the relentless pace of the production line.

Experience performance you can depend on with our easy-to-integrate label printers.

- Packing labels
- Product and parts labels
- Compliance and ratings labels
- Work-In-Progress (WIP) labels

✓ Transport and Logistics

Print easy-to-read text and barcodes, time after time, for your transport and warehouse labelling needs.

With high quality packing and shipping labels, it is easy to maintain compliance throughout the supply chain.

- Shipping and receiving labels
- Pallet labels
- Product identification labels
- Compliance labels
- Order preparation and picking labels
- Order fulfilment
- Inventory management



Always “At your side”

Brother TJ printers are always “At your side” with our five-year return-to-base warranty as standard. Our experienced sales and technical support teams are also always on hand to ensure you have a print solution that meets your requirements.



✓ Retail

Ensure a seamless customer experience with our industrial printers supporting your supply chain every step of the way.

Printing product identification labels for sorting at fulfilment centres through to the shipping labels that deliver your products to the end customer.

- Shipping labels
- Returns labels
- Product labels
- Click and collect labels
- Inventory management

✓ Healthcare

Brother offers a range of print solutions from specimen labels through to medicine dosage labels.

Our industrial label printers provide efficient labelling solutions for the medical and pharmaceutical industries, built to meet demand while ensuring traceability.

- Laboratory and blood bank labelling
- Medicine labels
- Asset tracking
- Shipping labels



Features that keep you connected and in control

Integrate with ease

No need to worry about integration, Brother industrial printers support various printer command languages, including ZPL2 emulation.

Minimise downtime and save money

Save workers' time through easy media loading and fewer ribbon[°] replacements. Time saved can be spent focusing on the job and working more efficiently - saving money in the long-term.

In-built durability

The industrial-grade printers have been built to last with features such as a metal cover and frame, ensuring you enjoy years of hassle-free label printing, even in tough production environments.

Maximise productivity

Fast print speeds help you keep up with increasing demand, especially when scaling up for peak periods.

With an internal rewinder on selected models, you can also multi-task by sending your labels to print and collecting the ready printed label roll whenever required.

First-class user experience

Range of LED, LCD and touch panel displays available for instant feedback, all designed with the user in mind. Offering an easy-to-use interface for all your setup needs.

Connectivity as standard

Our comprehensive connectivity options offer USB, USB Host, Serial and Ethernet. WiFi and Bluetooth interfaces are also available as an add-on accessory*.

4 inch



TJ-4005DN



TJ-4020TN



TJ-4120TN



TJ-4021TN



TJ-4121TN



TJ-4420TN



TJ-4520TN



TJ-4422TN



TJ-4522TN

6 inch



TJ-6421TN



TJ-6521TN

* Purchased separately

[°] Excluding TJ-4005DN

TJ Series

brief summary

TJ-4005DN	TJ-4020TN	TJ-4120TN	TJ-4021TN	TJ-4121TN
TJ Series - 4 Inch				

Printing

Print technology	Direct Thermal	Direct Thermal and Thermal Transfer			
Print resolution	203dpi	203dpi	300dpi	203dpi	300dpi
Print speed	6 ips (152mm/sec)	10 ips (254mm/sec)	7 ips (178mm/sec)	10 ips (254mm/sec)	7 ips (178mm/sec)
Max print width	107mm	107mm	105.7mm	107mm	105.7mm
Max print length	25400mm	25400mm	11430mm	25400mm	11430mm
Min print length	5mm				
Media sensor type	Gap (transmissive), Black mark (reflective), Ribbon encoder (reflective), Ribbon end (transmissive), Head open (transmissive) TJ-4005DN: Gap (transmissive), Black mark (reflective), Head open (transmissive)				
Media sensor location	Adjustable: Gap, Black mark, Fixed: Ribbon encoder, Ribbon end, Head open TJ-4005DN: Adjustable: Gap, Black mark, Fixed: Head open				
Release mode	Standard: Continuous, Tear off Optional: Peeled, Cut				

Connectivity

USB	●	●	●	●	●
USB host	●	●	●	●	●
Serial	●	●	●	●	●
Bluetooth (option)*					
Wired LAN	●	●	●	●	●
Wireless LAN (option)	●	●	●	●	●

General

Dimensions (mm)	248mm (W) x 274mm (H) x 436mm (D)				
Weight	9.2kg Peeler mode: 9.9kg Cutter mode: 9.6kg Gross weight: 11.2kg			9.4kg Peeler mode: 10.1kg Cutter mode: 9.8kg Gross weight: 11.4kg	
Control panel	4 intuitive icon indicators, 1 status indicator, 2 buttons (pause, feed)			3.5-inch colour touch display, 1 status indicator, 6 button navigation	
Touch panel				●	●
Tear bar	●	●	●	●	●
Operating system support	Windows, Linux, MAC, Android and iOS				
Supported Command	FBPL-EZD (EPL2,ZPL2,DPL)				

* Bluetooth connectivity option is part of the same single module with Wireless LAN.

TJ Series

brief summary

TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN	TJ-6421TN	TJ-6521TN
TJ Series - 4 Inch				6 Inch	

Printing

Print technology	Direct Thermal and Thermal Transfer					
Print resolution	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi
Print speed	14 ips (356mm/sec)	12 ips (305mm/sec)	14 ips (356mm/sec)	12 ips (305mm/sec)	12 ips (305mm/sec)	10 ips (254mm/sec)
Max print width	104mm				168mm	
Max print length	25400mm	11,430mm	25,400mm	11,430mm	14,732mm	6,604mm
Min print length	5mm				10mm	
Media sensor type	Gap transmissive (position adjustable), Black mark reflective (position adjustable), Head open transmissive, Ribbon encoder reflective, Ribbon end transmissive		Gap transmissive (position adjustable), Black mark reflective (position adjustable), Head open transmissive, Ribbon encoder reflective, Ribbon end transmissive, Media near end		Gap (transmissive), Black mark (reflective), Head open (transmissive), Ribbon encoder (reflective), Ribbon end (transmissive)	
Media sensor location	Adjustable: Gap, Black mark, Fixed: Ribbon encoder, Ribbon end, Head open TJ-4005DN: Adjustable: Gap, Black mark, Fixed: Head open				Adjustable: Gap, Black mark, Fixed: Ribbon encoder, Ribbon end, Head open	
Release mode	Standard: Continuous, Tear off Optional: Peeled, Cut		Standard: Continuous, Rewinding		Standard: Continuous, Tear off Optional: Peeled, Cut, Rewind	

Connectivity

USB	●	●	●	●	●	●
USB host	●	●	●	●	●	●
Serial	●	●	●	●	●	●
Bluetooth (option)*	●	●	●	●	●	●
Wired LAN	●	●	●	●	●	●
Wireless LAN (option)	●	●	●	●	●	●

General

Dimensions (mm)	276mm (W) x 326mm (H) x 502mm (D)	276mm (W) x 412mm (H) x 502mm (D)	357mm (W) x 313mm (H) x 510mm (D)
Weight	15.35kg Peeler mode: 16.4kg Cutter mode: 16.9kg	18.93kg	17.9kg
Control panel	LCD display, 1 status indicator, 6 button navigation	Colour touch display, 1 status indicator, 6 button navigation	Colour touch display, 1 status indicator, 6 button navigation
Touch panel			
Tear bar			
Operating system support	Windows, Linux, MacOS, Android and iOS		
Supported Command	FBPL-EZD (EPL2,ZPL2,DPL)		

* Bluetooth connectivity option is part of the same single module with Wireless LAN.

TJ accessories and supplies

4 Inch Accessories

PA-CU-004 *

Cutter

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



PA-CU-005 *

Cutter

TJ-4420TN
TJ-4520TN



PA-LP-005 *

Peeler

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



PA-LP-006 *

Peeler

TJ-4420TN TJ-4520TN



PA-WI-002

WLAN Interface (WiFi)

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



PA-WB-001

Dual Interface (WiFi and Bluetooth)

TJ-4420TN TJ-4520TN
TJ-4422TN TJ-4522TN



BPA-HA2L-004 *

Thermal Print Head (203 dpi)

TJ-4005DN
TJ-4020TN
TJ-4021TN



BPA-HA2M-004 *

Thermal Print Head (203 dpi)

TJ-4420TN
TJ-4422TN



BPA-HA3L-004 *

Thermal Print Head (300 dpi)

TJ-4120TN
TJ-4121TN



BPA-HA3M-004 *

Thermal Print Head (300 dpi)

TJ-4520TN
TJ-4522TN



BPA-PRL-004 *

Platen Roller

TJ-4005DN TJ-4020TN
TJ-4120TN TJ-4021TN
TJ-4121TN



BPA-PRM-004 *

Platen Roller

TJ-4420TN TJ-4520TN
TJ-4422TN TJ-4522TN



6 Inch Accessories

PA-CU-008 *

Cutter

TJ-6421TN
TJ-6521TN



PA-LP-009 *

Peeler

TJ-6421TN
TJ-6521TN



PA-RW-001 *

Internal Rewinder 5 inch OD

TJ-6421TN
TJ-6521TN



PA-WB-001

Dual Interface (WiFi and Bluetooth)

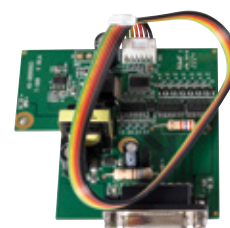
TJ-6421TN
TJ-6521TN



PA-GP-003 *

GPIO interface

TJ-6421TN
TJ-6521TN



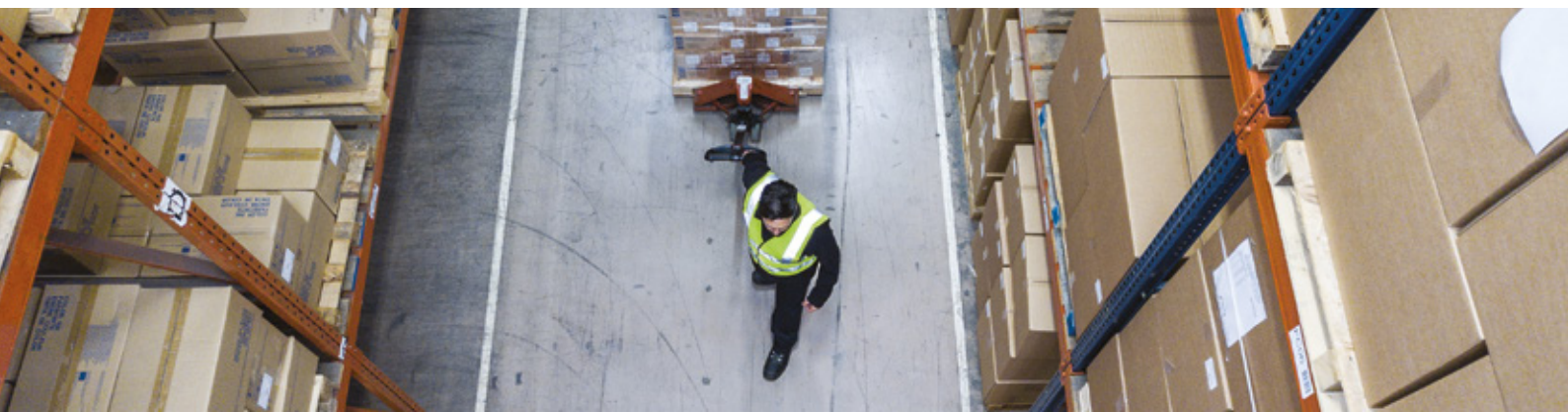
* Dealer installable only

4 Inch Labels and Ribbons

Supplies	Part code	Description	Size	Compatible models
Labels	BUS-1J074102-203	Uncoated thermal transfer die cut labels	102mm x 74mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Labels	BUS-1J150102-203	Uncoated thermal transfer die cut labels	102mm x 150mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Labels	BCS-1J074102-203	Coated thermal transfer die cut labels	102mm x 74mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Labels	BCS-1J150102-203	Coated thermal transfer die cut labels	102mm x 150mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWS-1D450-110	Standard wax ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWS-1D600-110	Standard wax ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWP-1D450-110	Premium wax ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWP-1D600-110	Premium wax ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSS-1D450-110	Standard wax/resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSS-1D600-110	Standard wax/resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSP-1D450-110	Premium wax/resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSP-1D600-110	Premium wax/resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRS-1D450-110	Standard resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRS-1D600-110	Standard resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRP-1D450-110	Premium resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRP-1D600-110	Premium resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN

6 Inch Labels and Ribbons

Supplies	Part code	Description	Size	Compatible models
Labels	BUS-1J211148-203	Uncoated thermal transfer die cut labels	148mm x 211mm	TJ-6421TN, TJ-6521TN
Ribbon	BWS-1D450-154	Standard wax ribbon	154mm x 450m	TJ-6421TN, TJ-6521TN
Ribbon	BWP-1D450-154	Premium wax ribbon	154mm x 450m	TJ-6421TN, TJ-6521TN
Ribbon	BSS-1D450-154	Standard wax/resin ribbon	154mm x 450m	TJ-6421TN, TJ-6521TN
Ribbon	BSP-1D450-154	Premium wax/resin ribbon	154mm x 450m	TJ-6421TN, TJ-6521TN
Ribbon	BRS-1D450-154	Standard resin ribbon	154mm x 450m	TJ-6421TN, TJ-6521TN
Ribbon	BRP-1D450-154	Premium resin ribbon	154mm x 450m	TJ-6421TN, TJ-6521TN





Software support features



Brother provides all the necessary tools required for software developers to integrate printing into their applications.

Printer drivers are available for Windows OS, and Software Development Kits (SDKs) can be provided to support Windows, Android and iOS operating systems.*

Label design software

Supplied as standard (via download), you can create your own custom labels with pixel precision by using these powerful software applications. With features such as support for a variety of barcode protocols, advanced image dithering to print high quality grayscale images.

Printer commands

With support for ZPL2 emulation and a variety of additional printer command languages, developers can easily integrate printing into existing legacy systems (see specification tables for further details).

Device management

As most printer devices are either used remotely or away from the Administrator, it is necessary to maintain control in the form of troubleshooting or updates. The Brother Printer Management Tool can accommodate this requirement, along with a variety of configuration tools and status reporting (Bluetooth connection mode not supported).

Software development kits (SDKs)

Brother can supply a selection of free-of-charge SDKs to give you an easy way of incorporating label printing directly from within your own software programs. Available from: <https://atyourside.brother.co.uk/developer-centre>

Software compatibility

With our TJ series, you have the ability to integrate into market-leading ERP systems and WMS platforms.



* Compatibility may vary dependent on model - check TJ Series In detail pages for more details.

TJ Series

in detail

TJ-4005DN	TJ-4020TN	TJ-4120TN	TJ-4021TN	TJ-4121TN
TJ Series - 4 Inch				

Printing / Media

Print technology	Direct Thermal		Direct Thermal and Thermal Transfer		
Print resolution	203dpi	203dpi	300dpi	203dpi	300dpi
Print speed	6 ips (152mm/sec) Peeler mode: 3 ips Cutter mode: 2 - 6 ips	10 ips (254mm/sec) Peeler mode: 3 ips Cutter mode: 2 - 10 ips	7 ips (178mm/sec) Peeler mode: 3 ips Cutter mode: 2 - 10 ips	10 ips (254mm/sec) Peeler mode: 3 ips Cutter mode: 2 - 10 ips	7 ips (178mm/sec) Peeler mode: 3 ips Cutter mode: 2 - 10 ips
Maximum print width	107mm	107mm	105.7mm	107mm	105.7mm
Maximum print length	25,400mm	25,400mm	11,430mm	25,400mm	11,430mm
Minimum print length	Continuous: 5mm Tear mode: 50mm Peeler mode: 25.4mm Cutter mode: 25.4mm				
Media sensor type	Gap (transmissive), Black mark (reflective), Ribbon encoder (reflective), Ribbon end (transmissive), Head open (transmissive) TJ-4005DN: Gap (transmissive), Black mark (reflective), Head open (transmissive)				
Media sensor location	Adjustable: Gap, Black mark Fixed: Ribbon encoder, Ribbon end, Head open TJ-4005DN: Adjustable: Gap, Black mark Fixed: Head open				
Release mode	Standard: Continuous, Tear off Optional: Peeled, Cut				

Media and Ribbon

Media types	Continuous, die-cut, black mark, fan-fold, notch				
Media thickness	0.06 - 0.28mm				
Media width	Tear mode and Peeler mode: 20 - 120 mm Cutter mode: 20 - 114mm				
Media Length	Tear mode: 50 mm - 25400mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50 mm - 25400mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50 mm - 11,430mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50 mm - 25400mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50 mm - 11,430mm Peeler mode: 25.4mm - 152.4mm
Maximum media diameter	203.2mm (8 inch)				
Core diameter	25.4mm - 76.2mm (1 - 3 inch)				
Ribbon types	–	Wax, Wax Resin, Resin			
Ribbon width	–	40mm - 110mm (1.5 - 4.3 inch)			

Connectivity

USB	USB 2.0 high speed				
USB host	Stand alone: USB keyboard, USB scanner Storage: USB pen drive, clone and setup				
Serial	RS-232 (Max. 115200 bps)				
Wired LAN	Ethernet 10/100 Mbps ARP, MAC, BOOTP, DHCP, DNS, WINS, FTP SERVER, HTTP server, SNTP client, SMTP client, SNMP V1, Telnet, LPR/LPD, RAW 9100, IPV4, ICMP, IGMP, TCP, UDP				
Wireless LAN	Optional slot-in WLAN interface accessory				
Wireless LAN mode	Compliant to IEEE 802.11 a/b/g/n with dual band support Supports Bandwidth in 5GHz: 20/40 MHz 802.11n Features: 802.11n HT20 Roaming without data lost in AP coverage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer				
Wireless LAN security	Open, WEP-Open, WPA-PSK/WPA2 (AES and TKIP) Supports 802.11i security WPA2-Enterprise: EAP-FAST, EAP-TTLS, EAP-TLS, PEAPv0,				

TJ-4005DN	TJ-4020TN	TJ-4120TN	TJ-4021TN	TJ-4121TN
TJ Series - 4 Inch				

Software

Label editing software	BarTender UltraLite (download only)
MAC printer driver	macOS 10.13x - 10.15x macOS 11, macOS 12
Linux printer driver	Supported 32-bit and 64-bit OS: Ubuntu V11.04-16.04, Fedora 24, SUSE Linux Enterprise Server 12, CentOS Linux 7.2, Red Hat Enterprise 7.3
Windows printer driver	Supported 32-bit and 64-bit OS: Windows 8.1, Windows 10, Windows 11 Server 2012 R2, Server 2016, Server 2019
Setting tool	BPM (Brother Printer Management Tool) Windows 8.1, Windows 10, Windows 11 Windows Server 2012 R2, 2016, 2019 standard versions
Windows SDK	Supported 32-bit and 64-bit OS: Windows 8.1, Windows 10, Windows 11 Server 2012 R2, Server 2016, Server 2019
Android SDK	Brother Print SDK for Android™ TYPE B Supported OS: V8 or later
iOS SDK	Brother Print SDK for iPhone/iPad TYPE B Supported OS: V11 or later
Supported command	FBPL-EZD (EPL2,ZPL2,DPL)

General

Control panel	4 intuitive icon indicators, 1 status indicator, 2 buttons (pause, feed)			3.5-inch colour touch display, 1 status indicator, 6 button navigation	
Touchpanel	-	-	-	●	●
Tear bar	●	●	●	●	●
Cutter (dealer installable)	Optional accessory				
Peeler (dealer installable)	Optional accessory				
Power supply	Internal universal switching power supply Input: AC 100-240V, 2A, 50 / 60Hz Output: DC24V, 3.75A, 90W				

Memory

SDRAM	128MB
FLASH	128MB

Environmental

Operating temperature	0 to 40°C
Operating humidity	25% to 85% non-condensing
Storage temperature	-40 to 60° C
Storage humidity	10% to 90% non-condensing

Weight and Dimensions

Weight (without media)	9.2kg	9.4kg
Dimensions	248mm (W) x 274mm (H) x 436mm (D)	

Included Items

In individual carton	Printer, AC Power Cord, Documentation, USB Cable, 1" ribbon paper core TJ-4005DN: Printer, AC Power Cord, Documentation, USB Cable
----------------------	---

TJ Series

in detail

TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN	TJ-6421TN	TJ-6521TN
TJ Series - 4 Inch				6 Inch	

Printing / Media

Print technology	Direct Thermal and Thermal Transfer					
Print resolution	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi
Print speed	14 ips (356mm/sec) Peeler mode: Max. 4 ips Cutter mode: 2 - 14 ips	12ips (305mm/sec) Peeler mode: Max. 4 ips Cutter mode: 2 - 12 ips	14ips (356mm/sec)	12ips (305mm/sec)	12ips (305mm/sec)	10ips (254mm/sec)
Maximum print width	104mm				168mm	
Maximum print length	25,400mm	11,430mm	25,400mm	11,430mm	14,732mm	6,604mm
Minimum print length	Continuous: 5mm					
Media sensor type	Gap transmissive (position adjustable), Black mark reflective (position adjustable), Head open transmissive, Ribbon encoder reflective, Ribbon end transmissive		Gap transmissive (position adjustable), Black mark reflective (position adjustable), Head open transmissive, Ribbon encoder reflective, Ribbon end transmissive, Media near end		Gap (transmissive), Black mark (reflective), Head open (transmissive), Ribbon encoder (reflective), Ribbon end (transmissive)	
Media sensor location	Adjustable: Gap, Black mark Fixed: Ribbon encoder, Ribbon end, Head open					
Release mode	Standard: Continuous, Tear off Optional: Peeled, Cut		Standard: Continuous, rewinding		Standard: Continuous, Tear off Optional: Peeled, Cut, Rewind	

Media and Ribbon

Media types	Continuous, die-cut, black mark, fan-fold, notch, perforated, tag, care label Peeler mode: regular coated paper				Continuous, die cut, black mark, fan fold, notch	
Media thickness	0.06 - 0.28mm				0.06 - 0.268mm	
Media width	20 - 114mm				50.8 - 172.7mm	
Media Length	Tear mode: 5mm - 25,400mm Peeler mode: 12.7mm - 152mm Cutter mode: 25.4mm - 2,286mm	Tear mode: 5mm - 11,430mm Peeler mode: 12.7mm - 152mm Cutter mode: 25.4mm - 1,016mm	5mm - 25,400mm	5mm - 11,430mm	Tear mode: 50mm - 14,732mm Peeler mode: 25.4mm - 152mm Cutter mode: 25.4mm - 2,286mm	Tear mode: 50mm - 6,604mm Peeler mode: 25.4mm - 152mm Cutter mode: 25.4mm - 1,016mm
Maximum media diameter	203.2mm (8 inch)				208mm (8.2 inch)	
Core diameter	38.1mm - 76.2mm (1.5 - 3 inch)					
Ribbon types	Wax, Wax Resin, Resin					
Ribbon width	25.4mm - 114.3mm (1 - 4.5 inch)				50.8mm - 178mm (2 - 7 inch)	

Connectivity

USB	USB 2.0 high speed
USB host	Stand alone: USB keyboard, USB scanner Storage: USB pen drive, clone and setup
Serial	RS-232 (Max. 115200 bps). Parallel for TJ 6 inch only: Centronics (36 pin)
Bluetooth	Optional slot-in Wi-Fi and Bluetooth dual interface accessory
Bluetooth profile	v4.2 SPP (Bluetooth classic), GATT (Bluetooth low energy)
Wired LAN	Ethernet, 10/100 Mbps ARP, MAC, BOOTP, DHCP, DNS, WINS, FTP SERVER, HTTP server, SNTP client, SMTP client, SNMP V1, Telnet, LPR/LPD, RAW 9100, IPV4, ICMP, IGMP, TCP, UDP
Wireless LAN	Optional slot-in WiFi and Bluetooth dual interface accessory
Wireless LAN mode	Compliant to IEEE 802.11 a/b/g/n with dual band support Supports Bandwidth in 5GHz: 20/40 MHz Roaming without data lost in AP coverage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer
Wireless LAN security	Open, WEP-Open, WPA-PSK/WPA2 (AES and TKIP) Supports 802.11i security WPA2-Enterprise: EAP-FAST, EAP-TTLS, EAP-TLS, PEAPv0

TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN	TJ-6421TN	TJ-6521TN
TJ Series - 4 Inch				6 Inch	

Software

Label editing software	BarTender UltraLite (download only)
MAC printer driver	macOS 10.13x - 10.15x macOS 11, macOS 12
Linux printer driver	Supported 32-bit and 64-bit OS: Ubuntu V11.04-16.04, Fedora 24, SUSE Linux Enterprise Server 12, CentOS Linux 7.2, Red Hat Enterprise 7.4
Windows printer driver	Supported 32-bit and 64-bit OS: Windows 10, Windows 11 Server 2016, Server 2019, Server 2022
Setting tool	BPM (Brother Printer Management Tool) Windows 10, Windows 11 Windows Server 2016, 2019, 2022 standard versions
Windows SDK	Supported 32-bit and 64-bit OS: Windows 10, Windows 11 Server 2016, Server 2019, Server 2022
Android SDK	Brother Print SDK for Android™ TYPE B Supported OS: V8 or later
iOS SDK	Brother Print SDK for iPhone/iPad TYPE B Supported OS: V12 or later
Supported Command	FBPL-EZD (EPL2,ZPL2,DPL)

General

Control panel	LCD display, 1 status indicator, 6 button navigation		Colour touch display, 1 status indicator, 6 button navigation		Colour touch display, 1 status indicator, 6 button navigation	
Touchpanel	-	-	●	●	●	●
Tear bar	●	●	-	-	●	●
Cutter (dealer installable)	Optional accessory	Optional accessory	-	-	Optional accessory	Optional accessory
Peeler (dealer installable)	Optional accessory	Optional accessory	-	-	Optional accessory	Optional accessory
Internal rewinder	-	-	●	●	Optional accessory	Optional accessory
Power supply	Internal switching power supply Input: AC 100-240V, 4-2A, 50-60Hz Output: DC 5V, 5A; DC 24V, 7A; DC 36V, 1.4A; Total 243W					

Memory

SDRAM	256MB
FLASH	512MB + (MicroSD Flash memory card reader or Flash memory expansion, up to 32 GB)

Environmental

Operating Temperature	0 to 40°C
Operating Humidity	25% to 85% non-condensing
Storage Temperature	-40 to 60° C
Storage humidity	10% to 90% non-condensing

Weight and Dimensions

Weight (without media)	15.35kg	18.93kg	17.90kg
Dimensions	276mm (W) x 326mm (H) x 502mm (D)	276mm (W) x 412mm (H) x 502mm (D)	357mm (W) x 313mm (H) x 510mm (D)

Included Items

In individual carton	Printer, AC Power Cord, Documentation, USB Cable
----------------------	--

brother

at your side

Contact:

www.brother.eu

Brother International Europe Ltd

Brother House, 1 Tame Street, Audenshaw,
Manchester M34 5JE

Tel: +44(0)161 330 6531

Fax: +44(0)161 330 5520

All specifications correct at the time of printing and are subject to change. Brother is a registered trademark of Brother Industries Ltd.
Brand product names are registered trademarks or trademarks of their respective companies.