



Desktop label, wristband & receipt printers

TD-4420TN / TD-4520TN Data Sheet

4" Professional label, receipt & wristband printer

This versatile high resolution desktop printer uses high-capacity thermal transfer ink ribbons for durable labelling.

The printer has a range of accessories, further allowing full customisation to your exact requirements.

Key Features:

- Fast print speeds of up to 152mm/sec
- Thermal transfer printing on a range of media
- Compatible with Windows, Mac and Linux
- Printer command languages supported are ZPL, EPL, DPL emulation
- USB and Wired LAN connectivity

Thermal Transfer or Direct Thermal capability

Label Peeler & Full / Partial Cutter (Dealer option)



External Roll Holder (Optional)

Supporting high ribbon capacity - up to 300m length

General

Carton contents	AC adaptor USB cable Documentation 2 x 1" ribbon spindles for 300m ribbon 1" ribbon paper core
Language support	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

Dimensions & Weights

Without carton	204(w) x 280(d) x 178(h) 2.5Kg
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Built In Features

Printing Method	Direct Thermal / Thermal Transfer
Print Resolution	TD-4420TN: 203dpi TD-4520TN: 300dpi
Print Speed	TD-4420TN: 152mm/sec TD-4520TN: 127mm/sec
Print Width	TD-4420TN: 108mm TD-4520TN: 105mm
Minimum print length	Continuous: 5mm, Peeler: 25.4mm, Cutter: 25.4mm, Tear: 50mm
Maximum print length	TD-4420TN: 25400mm TD-4520TN: 11430mm (Peeler mode: 152.4mm)
Minimum media width	20mm
Maximum media width	112mm
Maximum roll diameter	127mm
Minimum roll core diameter	25.4mm
Minimum ribbon width	40mm
Maximum ribbon width	110mm
Suggested paper core width	0.5" paper core: fixed width 110mm, width 2 notches in each side 1" paper core: fixed width 110mm with 2 notches in each side 1" paper core: paper core width is the same as ribbon width and use with ribbon spindles
Inner paper core & ribbon length	0.5" paper core: Max. OD 40 mm, 110M long 1" paper core: Max. OD 67 mm, 300M long

Interfaces	USB Ver.2.0 (Full Speed) (Type B) USB Host Serial RS232C (DB9 female) Wired LAN 10/100BASE-TX
Printer commands	FBPL-EZD (EPL,ZPL,ZPL2,DPL)
Internal fonts & sizes	8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Memory	RAM: 64MB SDRAM Flash: 128MB NAND-FLASH
Internal Barcode	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: CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417, TLC39 Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 Microsoft® Windows® Server 2008 / Server 2008R2 / Server 2012 / Server 2012R2 / Server 2016 / Server 2019
Operating system support	OS X 10.10.x,10.11.x macOS 10.12.x,10.13.x,10.14.x, 10.15.x Ubuntu V11.04-16.04 / Fedora 24 / SUSE Linux Enterprise Server 12 / CentOS Linux 7.2 / Red Hat Enterprise 7.3
Windows SDK	Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 Microsoft® Windows® Server 2008 / Server 2008R2 / Server 2012 / Server 2012R2 / Server 2016 / Server 2019 www.brother.co.jp/eng/dev/
Software	BarTender Ultra Lite Edition – Barcode label design software Brother Printer Management Tool – Software to centrally manage devices for updating settings, firmware and other configurations. (Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 Microsoft® Server 2012 / Server 2012R2 / Server 2016 / Server 2019

Environmental

Operating Temperature	5°C to 40°C
Operating Humidity	25% to 85% non-condensing
Storage Temperature	-40°C to 60° C
Storage Humidity	10% to 90% non-condensing

Supplies

Roll type*	Uncoated label 102mm x 74mm – 1100 labels (BUS-1J074102-121) 102mm x 150mm – 550 labels (BUS-1J150102-121)
	Coated label 102mm x 74mm – 1100 labels (BCS-1J074102-121) 102mm x 150mm – 550 labels (BCS-1J150102-121)
Ribbon type*	Standard Wax – 110mm x 300m (BWS-1D300-110) Premium Wax – 110mm x 300m (BWP-1D300-110) Standard Wax/Resin – 110mm x 300m (BSS-1D300-110) Premium Wax/Resin – 110mm x 300m (BSP-1D300-110) Standard Resin – 110mm x 300m (BRS-1D300-110) Premium Resin – 110mm x 300m (BRP-1D300-110)

Optional Accessories (Dealer Option)

Label Peeler	PA-LP-003 / PA-LP-004
Full & Partial Cutter	PA-CU-002 / PA-CU-003
External Roll Holder (User Option)	PA-RH-001

*For additional supplies information, please contact your local Brother office

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