TD-4420T Series

203dpi Direct Thermal Printers

TD-4420TN
TD-4420TNP
TD-4420TNC

Healthcare, medical and laboratory

Warehousing and logistics

Retail

www.brother.com.au

Thermal Transfer Printers

4-inch 203dpi Barcode
Label and Receipt Printers

TD-4420TN
TD-4420TNP
TD-4420TNC

Introducing the next era of four-inch desktop thermal printers from Brother. These precision built barcode label and receipt printers, deliver performance, quality, and integration at an exceptional value. From inventory and shipping to barcode and shelf labelling – now you can easily and affordably produce the labels you need, with the reliability and support that only Brother delivers.

Effortless integration

Experience improved operational efficiency with seamless integration into existing and future workflows utilising Bpac, Software Development Kits (SDK's), PDF Crop tool, BarTender and the support of a variety of printer command systems, including ZPLII emulation

Reliable technology

Thermal technology is made up of less moving parts delivering greater reliability for your business

Warranty

Delivering peace of mind with a 12 month return to base warranty on hardware and a 6 month return to base warranty of print heads. Rapid exchange is also available as an optional add-on

Technical Specifications for the TD-4420T Series

	TD-4420TN	TD-4420TNP	TD-4420TNC
Tear Bar	Yes	N/A	N/A
Peeler (PA-LP-001)	No (available as an option)	Yes (installed)	No
Cutter (PA-CU-001)	No (available as an option)	No	Yes (installed)
Printing			
Print Technology	Thermal Transfer		
Print Resolution	203dpi		
Print Speed	MAX 152.4mm/sec (6 ips) (Under Brother standard environment)		
Print Width (MAX)	108mm (4.25 inch)		
Print Length (MAX)	25,400mm (1000 inch)		
Print Length (MIN)	5mm (0.09 inch)		
Media Sensor Type	Gap (Transmissive), Black mark (Reflective)		
Media Sensor Location	Reflective (adjustable), Gap (fixed)		
Release Mode	Standard: Continuous, tear off	Peeler	Cutter
Size			
Weight	Printer: 2.50kg	Printer & Peeler: 2.68kg	Printer & Cutter: 2.87kg
Dimensions	204mm (W) (8.03 inch) 177.5mm (H) (6.99 inch) 280mm (D) (11.02 inch)	204mm (W) (8.03 inch) 177.5mm (H) (6.99 inch) 322mm (D) (12.68 inch)	204mm (W) (8.03 inch) 177.5mm (H) (6.99 inch) 333mm (D) (13.11 inch)
Control Panel	1 LED with 3 colours 1 button (Feed)		
Interface			
USB	Standard: USB Ver.2.0 (Full Speed) (Type B)		
Serial	Standard: RS232C (DB9 male)		
Wired LAN	Standard: 10/100BASE-TX		
USB Host Port	Standard: USB Type-A | Class ID: HID, USB mass-storage device class | USB Regulation: 2.0		
Bluetooth	Not supported		
BluetoothProfile	-		
WLAN	Not supported		
WLAN Mode	-		
WLAN Security	-		
Memory			
RAM	64MB SDRAM		
Flash	128MB NAND-FLASH | User area | SDRAM: 2048 KB | Flash: 80640 KB		
Power Supply			
Adapter	AC adapter Input: AC 100-240V, 2.0A, 50-60Hz | Output: DC24V, 2.5A, 60W, LPS		
Media Specification			
Types	Continuous, die-cut, black mark, fan-fold, notch		
Wound Type	Outside wound		
Media Width	20 ~ 112mm (0.79 inch to 4.41 inch) catalogue described spec		
Media Length	5mm ~ Max. print length (0.20inch to Max inch) Tear mode : 50mm ~ Max. print length | Peeler mode: 25.4 ~ 152.4mm | Cutter mode: 25.4mm ~ Max. print length		
Thickness	0.06 ~ 0.19 mm		
Diameter (Max)	5inch OD (around 74~75M long)		
Core Diameter (Min)	25.4mm & 38.1mm (1.0 inch & 1.5 inch)		
Ribbon specification			
Types	Premium Wax, Resin, Semi (Wax/Resin)		
Wound Type	Outside wound		
Ribbon Width	40 ~ 110mm (1.57 inch to 4.33 inch)		
Suggested Paper Core Width	0.5 inch paper core: fixed width 110mm with 2 notches in each side 1 inch paper core: fixed width 110mm with 2 notches in each side 1 inch 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 long | 1 inch paper core: Max. OD 67mm, 300M long		

Software	
Label Editing Software	BarTender Ultra Lite Edition
Windows Printer Driver	Windows 10 and Server 2016 Windows 8.1 and Server 2012 R2 Windows 8 and Server 2012 Windows 7 and Server 2008 R2 Windows Server 2008
MAC Printer Driver	macOS 10.14.x macOS 10.13.x macOS 10.12.x OS X 10.11.x OS X 10.10.x
Linux Printer Driver	Ubuntu V11.04-16.04 Fedora 24 SUSE Linux Enterprise Server 12 CentOS Linux 7.2 Red Hat Enterprise 7.3
Setting Tool	BPM (Brother Printer Management Tool) Support OS Windows 7 Windows 8, 8.1 Windows 10
Mobile SDK	Not supported
Mobile Transfer Express Mobile Deploy	Not supported
Windows SDK	Windows 10 and Server 2016 Windows 8.1 and Server 2012 R2 Windows 8 and Server 2012 Windows 7 and Server 2008 R2 Windows Server 2008
Supported Command	FBPL-EZD (EPL,ZPL,ZPL2,DPL)
SAP Device Type	SAP_BASIS Release 6.20~7.11, except 7.10.
Development Support Tool	CommTool (Brother Communication Tool)
Bar Code Symbologies	<u>Linear:</u> Code128UCC, Code128 subsets ABC, 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 <u>2-dimensional:</u> GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417
Fonts	8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Operating Characteristics	
Operating Temperature	Operate: 5 ~ 40℃
Operating Humidity	25~85% non-condensing
Storage Temperature	40 ~ 60 ℃
Storage Humidity	10~90% non-condensing
Printer Safety	EMC / RMC
Warranty	
Hardware	12 Month Return to Base
Print Head	6 Month or 30kms Return to Base
Options	Rapid Exchange - contact Brother at info@brother.com.au for more information
Package Contents			
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Package Contents	Printer, AC Adapter, Power Cord, USB Cable, Documents	Printer, Label Peeler, AC Adapter, Power Cord, USB Cable, Documents	Printer, Cutter, AC Adapter, Power Cord, USB Cable, Documents

Brother International Australia

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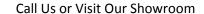11 Talavera Road, Macquarie Park, NSW, 2113
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POSMarket

Point of Sale & Barcode Solutions

POSMarket specialises in providing point of sale (POS), barcode and mobile data solutions for smart businesses. We service all industries including retail and hospitality, transport and logistics, government, healthcare, manufacturing and warehousing. Our expert team can provide solutions that can save your business money today.

Shop By Department

Barcode Scanners
- Barcode Readers
- Barcode Software
- Data Collectors

Mobile Computers
- Mobile Computers
- Data Collectors
- Vehicle Computers

Label Printers
- Desktop Printers
- Industrial Printers
- Mobile Printers

Point of Sale
- POS Systems
- Receipt Printers
- Scales

ID Card Printing
- ID Card Printers
- ID Software
- Card Printer Supplies

Media & Accessories
- Labels
- Ribbons
- Paper Rolls

Software
- Inventory Software
- Asset Tracking
- Barcode Software

Wireless
- Wifi Systems
- Pager Systems
- Site Surveys

RFID
- RFID Printers
- RFID Readers
- RFID Tags

Shop By Industry

Education/Libraries
Timesaving printing solutions to meet all your staff, student & asset identification needs. Need **Labels and Printers**? From **scanners** to **receipt printers**, whatever your needs, we are here to help.

Retail Stores
Keep customers coming back and keep stock from running out. Check out our range of **scanners**, **cash drawers**, **receipt printers** and **cash registers**.

Cafes/Restaurants
We can help you to decrease lines for your customers, complete tableside transactions, or reward patrons with **loyalty cards**. From cash registers to touch screen systems we can assist.

Warehouse Management
Our superior **warehousing solutions** will allow your business to provide comprehensive, up-to-date information and streamline your processes to improve efficiency.

Construction
Keep track of your inventory and stop inventory shinkage. Our inventory tracking software allows you to easily keep control of your stock.

Hospitals/Healthcare
Improve patient care with the accurate identification of patients, medications, samples, treatments, lab results & records. We have a huge range of **label printers**, **consumables** & **scanners**.

Transport & Logistics
Track materials through your facility or through your supply chain using **labels**, **barcode scanners** and **portable data terminals**. Optimize your production and information flows.

Government
We can supply you with all your needs, from **receipt printers** and **cash drawers**, to barcode **scanners** and **label printers**. Less paperwork, data entry and time spent looking up records.

Mining
Rugged identification solutions help manage assets from the ground up. From **portable data terminals** and **scanners** to **software** and **printers**, we can find a solution to meet your needs.

Shop By Brand

BarTender | CAS | CASIO | CITIZEN | CiNo | CipherLab

Cognitive TPG | DATALOGIC | DENSO | EPSON | evolis | Honeywell

hp | IBM | Motion Computing | MOTOROLA | MYOB | POSIFLEX

socket | star | symbol MOTOROLA | TOPAZ SYSTEMS INC. | Wasp | Zebra