



TD-4420T Series

203dpi Thermal Transfer /
Direct Thermal Printers

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



Healthcare,
medical and
laboratory



Warehousing
and logistics



Retail

www.brother.com.au

Thermal Transfer / Direct Thermal 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 Software Development Kits (SDK's), BarTender and the support of a variety of printer command systems, including ZPLII emulation



Warranty

Delivering peace of mind with a 2 year 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



Reliable technology


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

Technical Specifications for the TD-4420T Series

TD-4420TN		TD-4420TNP		TD-4420TNC	
Tear Bar	Yes		N/A		N/A
Peeler (PA-LP-003)	No (available as an option)		Yes (installed)		No
Cutter (PA-CU-003)	No (available as an option)		No		Yes (installed)
Printing					
Print Technology	Thermal Transfer / Direct Thermal				
Print Resolution	203dpi				
Print Speed	MAX up to 152.4mm/sec (6 ips) (Under Brother standard environment) For optimal results, default print setting in-box is 76.2mm/sec (3 ips)				
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 Edition¹	
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	2 Year Return to Base	
Print Head	6 Month or 25kms Return to Base	
Options	Rapid Exchange - contact Brother at info@brother.com.au for more information	
Package Contents		
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

 youtube.com/user/BrotherAU/videos

 linkedin.com/company/brother-international-australia/

 facebook.com/BrotherAustralia/

brother.com.au

 **BarTender**
BY SEAGULL SCIENTIFIC

brother
at your side

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. ¹ Sold separately