brother
at your side

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	Linear: 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 2-dimensional: 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