TD-4420D Series

203dpi Direct Thermal Printers

TD-4420DN
TD-4420DNP
TD-4420DNC

Healthcare, medical and laboratory

Warehousing and logistics

Retail

Direct Thermal Desktop Printers

4-inch 203dpi Barcode
Label and Receipt Printers

TD-4420DN
TD-4420DNP
TD-4420DNC

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

A full thermal print solution

Design and print from start to finish with Brother's free P-touch Editor label design software. With hundreds of templates and barcode creation, label development for any industry can be achieved

Warranty

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

Technical Specifications for the TD-4420D Series

	TD-4420DN	TD-4420DNP	TD-4420DNC
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	Direct Thermal		
Print Resolution	203 dpi		
Print Speed	MAX 203.2mm/sec (8 ips) (Under Brother standard environment)		
Print Width (MAX)	108.4mm (4.27 inch)		
Print Length (MAX)	3,000mm (118.11 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: 2.08kg	Printer & Peeler: 2.20kg	Printer & Cutter: 2.45kg
Dimensions	180mm (W) (7.08 inch) 155mm (H) (6.10 inch) 224mm (D) (8.82 inch)	180mm (W) (7.08 inch) 155mm (H) (6.10 inch) 259mm (D) (10.20 inch)	180mm (W) (7.08 inch) 155mm (H) (6.10 inch) 267mm (D) (10.51 inch)
Control Panel	3 LED 3 button (Power/ Feed/ Print)		
Interface			
USB	Yes: USB Ver.2.0 (Full Speed) (Type B)		
Serial	Yes: RS232C (DB9 male)		
Wired LAN	10/100BASE-TX		
Bluetooth	Not supported		
WLAN	Not supported		
Memory			
RAM	256MB		
Flash	64MB (User area 40MB)		
Power Supply			
Adapter	AC adapter (100 - 240 V 50/60Hz)		
Media Specification			
Types	Wristbands, Continuous, Die Cut, Fan Fold, Perforated, Tag		
Wound Type	Outside wound		
Media Width	19 ~ 118mm (0.75 inch to 4.65 inch) catalogue described spec		
Media Length	6.4mm ~ Max. print length (0.25 inch to Max inch) | Tear mode: 18mm ~ Max. print length Peeler mode: 17 ~ Max. print length | Cutter mode: 20mm ~ Max. print length		
Thickness	0.06 ~ 0.279mm		
Diameter (Max)	127mm		
Core Diameter (Min)	12.7mm		

Software	
Label Editing Software	P-touch Editor ver. 5.2 and supports BarTender Lite as optional
Windows Printer Driver	Microsoft Windows7 (x86/x64), Microsoft Windoes8 (x86/x64), Microsoft Windows 8.1 (x86,x64), Microsoft Windows10 (x86,x64), Microsoft Windows Server 2008 (x86,x64), Microsoft Windows Server 2008 R2 (x64), Microsoft Windows Server 2012 (x64)/Server 2012R2 (x64)Microsoft Windows Server 2016
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	Android 4.0.3 or later, iOS 8 or later
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	Raster, ESC/P, P-touch Template, ZPLII, CPCL (CPCL page print mode / CPCL line print mode)
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
Add-in for Microsoft	Microsoft Word 2007 (x86), Microsoft Word 2010 (x86), Microsoft Word 2013 (x86), Microsoft Word 2016 (x86), Microsoft Excel 2007 (x86), Microsoft Excel 2010 (x86), Microsoft Excel 2013 (x86), Microsoft Excel 2016 (x86), Microsoft Outlook 2007 (x86), Microsoft Outlook 2010 (x86), Microsoft Outlook 2013 (x86), Microsoft Outlook 2016 (x86)
Database File Compatibility	csv, txt, mdb, xls, accdb xlsx xlsm, Microsoft SQL Server Database, accdb, xlsx, xlsm
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 (whichever is first)
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