



TD-2300 Series

Label and Wristband Printers

TD-2320D

TD-2350D

www.brother.co.nz

Ideal for:



Healthcare,
Medical and
Laboratory



Retail

Professional Label and Wristband Printers

Our TD-2300 series brings simplicity and efficiency to desktop label printing. Ideal for a wide range of applications, it's the perfect choice for expanding your label printing capabilities without requiring extensive system overhauls.



Performance Meets Quality

With over 20 years of experience developing professional label printers, Brother has added to their TD-2300 range. The TD-2300 series are compact desktop devices powered by direct thermal technology, capable of printing wristbands and receipts up to 59mm in width. Due to its spindle-less design, the TD-2300 range can accommodate rolls of up to 127mm in diameter, meaning less downtime. With two models available (TD-2320D and TD-2350D), the TD-2300 range offers fast print speeds and the capacity to print up to 5,000 labels a day. The TD-2320D & the TD-2350D have wired Ethernet, USB-C and host ports and serial, while the TD-2350D has built-in Bluetooth and Wi-Fi connectivity.

Key Features:



Supports Raster, ESC/P, ZPL2, CPCL, EPL & DPL



Comes with our powerful P-Touch Editor software



Versatile, compact and modular



High-quality and crisp 203dpi outputs



Versatile connection types with Ethernet, WiFi (2.4&5GHz)¹, WiFi Direct¹, USB-C and Bluetooth¹



AirPrint, MFi and Mobile Deploy App¹

Build the 2300 series to your requirements

The TD-2300 range comes as standard with a user guide, USB-C cable, AC adapter and our powerful P-touch labelling software. As each printing application is different, there are numerous optional extras available to fulfil virtually any requirement (see below). Such customisation can help keep costs to a minimum by selecting only those options which you require.



Model shown with optional Battery pack



Stay mobile with the rechargeable Li-Ion Battery PA-BT-004⁶ and print wherever your tasks takes you



Increase productivity with the optional label peeler (PA-LP-008) or cutter (PA-CU-007)



Connect via the USB-C or host and Ethernet



Wireless printing options with Bluetooth[®]¹ (TD-2350D only)

Packed with Features

Professional Software Solutions

Instant 'out of the box' labelling solution

Each model is a complete labelling solution that comes with a professional label design and printing software application developed by Brother with advanced design tools and features included as standard.

P-touch Editor

You can create your own custom labels with pixel precision by using this powerful software solution. With features such as support for over 15 barcode protocols, advanced image dithering to print high-quality greyscale images and the ability to link to data contained in Excel™ spreadsheets for batch printing of labels, any label design is possible.

Solutions for Windows™ Systems with b-PAC SDK

Developed for advanced users such as system integrators, by adding just a few lines of programming code, label printing is possible from many Microsoft® Windows™ applications.

- Create a label template using P-touch Editor and save the file to your PC
- Using the b-PAC SDK, send the relevant commands to add your text/barcode/images to the label template
- Issue the print command from your program
- The b-PAC SDK will then create and print the label containing your information



Increased freedom and mobility - print wirelessly¹ from virtually any tablet or handheld device

Solutions for Smartphone/Tablets with free Mobile SDK

The Mobile Software Development Kits (SDK) makes it easy for developers to incorporate label and receipt printing into mobile apps. There are SDKs available for iOS™, Android™ and Windows Mobile™.

Solutions for existing and legacy systems

Support for ZPL® applications without extra development costs. Simply connect the device and adjust the built-in settings to whatever your system requires. Built-in Brother ESC/P and Brother template modes to print from non-Windows™ based PCs and devices. For more information or to download the SDKs, please visit the developer centre.

Mobile Deploy (for TD-2350D only)

Cloud-based app for mobile devices (iOS and Android™), which allows IT administrators to remotely update and configure multiple Brother mobile printers. Using Mobile Deploy, the administrator can easily upload new update packages to an online location, and then share the URLs with the users.



Simply apply your custom designed label

At your side Healthcare Applications

The Brother TD-2300 series can help improve workflows within the healthcare industry by printing clear, high-quality labelling to maintain safety and traceability. Healthcare workers have the option to wirelessly print a variety of barcode labels quickly and whenever needed in the laboratory, pharmacy or front desk. With support for the most common barcode protocols, all models are ideally suited to any labelling task in a medical environment.

For Retail and Hospitality

Increase the productivity of busy retail workers by enabling them to print a wide range of labels quickly and efficiently. With a compact design, the TD-2300 series is ideal to use on crowded retail desktops and counters without sacrificing valuable workspace. Create sharp text, logos and barcodes that can be printed quickly on high-quality Brother media, helping to improve customer satisfaction at the checkout.

Technical Specifications for the TD-2300 Series

	TD-2320D	TD-2350D
General		
Exclusive to	Brother Authorised Business Partners	
Functions	Network ready label/ receipt/ wristband printer that prints 152mm per second @ 203 dpi using generic thermal paper	Network/Wi-Fi/Bluetooth/AirPrint ready receipt/wristband printer that prints 152mm per second @ 203 dpi using generic thermal paper
Engine	Direct thermal	
Hardware type	Desktop	
Unit colour	White & light grey	
Display		
Display type	NA	Monochrome LCD
LCD contrast	NA	Yes
Buttons	3 LED, 3 buttons (power/feed/print)	3 LED, 7 button, (Power/Feed/Menu/Return/Up/Down/OK)
Printer		
Print speed	AC Power: Max. 152.4 mm / sec Battery Power: Max. 123 mm / sec	
Printer resolution	203 dpi	
Emulation	Raster, ESC/P, PTouch template, ZPL/ZPLII, EPL, DPL, CPCL	
Standard memory	256Mb RAM (32Mb user area or 255 templates)	

	TD-2320D	TD-2350D
Print length max	Up to 3000mm long (Windows)	
Print width max	59mm	
Tape length setting	6.4mm - 3000mm	
Roll cutter	Optional Cutter (PA-CU-007)	
Roll peeler	Optional Label Peeler (PA-LP-008)	
Tear bar	Yes	
Media sensor type	Gap(Transmissive) / Black Mark(Reflective)	
Media sensor location	Reflective/Black mark sensor adjustable	
Media width sensor	Yes	
Recommended print volume	Up to 5,000 labels a day	
Labeller		
Feed	Yes	
Barcode names	ESC/P: Linear: CODE 39, ITF(I-2/5), EAN-8(JAN8), EAN-13(JAN13), UPC-A, UPC-E, CODABAR (NW-7), CODE 128, GS1-128(UCC/EAN 128), GS1 Databar(Standard(Omnidirectional)/Truncated/Stacked/Stacked Omnidirectional/Limited/Expanded), CODE93, POSTNET, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode 2-dimensional: QR Code (model 1, model 2, micro QR), Maxicode, PDF417 (Standard, Truncate, MicroPDF417) , Data Matrix (ECC200 Square, ECC200 Rectangular), Aztec Ptouch template: Linear: CODE 39, ITF(I-2/5), EAN-8(JAN8), EAN-13(JAN13), UPC-A, UPC-E, CODABAR (NW-7), CODE 128, GS1-128(UCC/EAN 128), GS1 Databar(Standard(Omnidirectional)/Truncated/Stacked/Stacked Omnidirectional/Limited/Expanded), POSTNET, Intelligent Mail Barcode, 2-dimensional: QR Code (model 1, model 2, micro QR), Maxicode, PDF417 (Standard, Truncate, MicroPDF417), Data Matrix (ECC200 Square, ECC200 Rectangular), Aztec,GS1 Databar Composite	
Barcodes	Yes	
Mirror print	PC select	
Vertical print	PC select	
Rotate print	PC select	
Multi line print	PC select	
Character and symbols	PC select	
Fonts labeller	Ptouch Template: Outline: 4, Letter Gothic Regular, Helsinki, Brussels, Gothic, 1 dots - 400 dots Style: Outline, Shadow, Outline+Shadow, Italic, Bold, Vertical ESC/P: BMP: 9, Letter Gothic Bold: 4(16,24,32,48dot), Helsinki: 3(16,24,32dot), Brussels: 3(24,32,48dot), SanDiego: 3(24,32,48dot), Brougham: 3(24,32,48dot), Gothic: 3(16,24,32dot) Outline: 4, Letter Gothic Regular, Helsinki, Brussels, Gothic 1 dots - 400 dots Style: Italic, Bold, Vertical Width: x2 (Width), x2 (Height), x1/2 (Width)	
Frames & backgrounds	PC select	
Link to database	Microsoft Access, Excel, CSV, TXT, SQL	
Add-in function	MS Word and MS Excel (97/2000/2002/2003/2007/2010/2013/2016) MS Outlook Microsoft Word (2016/ 2019/ 2021), Microsoft Excel (2016/ 2019/ 2022), Microsoft Outlook (2016/ 2019/ 2022) (Only 32bit version supported)	
Time & date feature	Yes	
Language	NA	English, Danish, Dutch, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish, Japanese, Chinese, Polish
Software		
Printer OS compatibility	Windows 11, Windows 10 (32&64bit), Windows Server 2022, Windows Server 2019, Windows Server 2016 Linux DEB/RPM	
Software available	Windows: P-touch Editor, P-touch Transfer Manager, Office Add-in (Word, Excel, Outlook), P-touch Address Book, Printer Setting Tool	
Distributed printing	Yes	
Template transfer to machine	32Mb / Max 255 templates	
bPAC	Yes	
Mobile applications	Mobile Transfer Express, Support Center, Mobile Deploy, Print Service Plugin, Print SDK Demo, Smooth Print	
Mobile operating system	Android 9 or later	Android 9 or later, iOS 15 or later
Mobile deploy	NA	iOS / Android
Android print service plugin	Yes	
Mobile transfer express	Android	iOS / Android
Software development kits	Windows, Android 9 or later	Windows, Android 9 or later, iOS 15 or later
Connectivity		
Interface	USB(Full Speed) Type C, RS-232C, USB Host(barcode readers), 10/100 BASE-TX Wired Ethernet	USB(Full Speed) Type C, RS-232C, USB Host(barcode readers), 10/100 BASE-TX Wired Ethernet, Bluetooth, 2.4GHz IEEE 802.11b/g/n, 5GHz IEEE 802.11a/n Wireless LAN
Serial	RS-232C with Serial Adapter (PA-SCA-002)	
Wired Interface	10/100 BASE-TX Wired Ethernet	
Wired security	SSL/TLS1.0/1.1/1.2/1.3 (HTTPS, IPPS), SNMPv3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)	
Network protocols IPV4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Client, SNMPv1/v2c/v3, HTTP/HTTPS server, ICMP, Web Services (Print)	
Wireless interface	NA	2.4GHz IEEE 802.11b/g/n, 5GHz IEEE 802.11a/n Wireless, IEEE 802.11g/n (Wireless Direct)

	TD-2320D	TD-2350D
Wireless security	NA	Personal mode: Open System (None/WEP), Public Key Authentication (WEP), WPA/WPA2-PSK/WPA3=SAE (TKIP/AES) Enterprise mode: EAP-FAST (TKIP/AES), PEAP (TKIP/AES), EAP-TTLS (TKIP/AES), EAP-TLS (TKIP/AES) Wireless direct Mode: WPA2-PSK (AES)
Wi-Fi direct	NA	IEEE 802.11g/n (Wi-Fi Direct) - Up to 2 connections
Bluetooth	NA	Bluetooth Ver.5.2 / LE + EDR (Class 1) SPP, OPP, HCRP (Bluetooth Classic), GATT (Bluetooth Low Energy) Up to 20 pairings and 1 connection
MFI	NA	Yes
Airprint	NA	Yes
USB host	Yes - Barcode readers	
Consumables		
Inbox consumables	NA	
Roll type	RD Roll (RD Die-cut Labels), Generic Thermal Rolls, Wristbands, Continuous, Die Cut, Fan Fold, Perforated ,Tag	
Roll size	Core size: 12.7mm(0.5inch), 19mm(0.75inch), 25.4mm(1"), 34.9mm(1.38"), 38.1mm(1.5"), Max Roll Dia: 127mm Media Length: Continuous 6.4 mm - 3,000 mm, Peeler 17mm - 3,000 mm, Cutter 20mm - 3,000 mm, Tear 18mm - 3,000 mm	
Roll width	15 mm - 63mm (2.5inch) Wristband: 15mm - 36mm	
Roll thickness	Min-Max Thickness (0.058mm-0.279mm), Peel: 130µm~83µm, Tearbar cut: 58µm~83µm, Auto cut: 75µm~279µm, Receipt: 0.058 mm to 0.083 mm, Label: 0.104 mm to 0.178 mm, Tag: 0.133 mm to 0.190 mm, Wristband:0.107 mm to 0.279 mm	
Weight & Measurements		
Size	119 x 224 x 158mm (WxDxH)	
Size with carton	182 x 325 x 305mm (WxDxH)	
Weight	1.50 kg	1.53 kg
Weight with carton	2.87 kg	2.9 kg
Power Supply		
AC adaptor	External S/W Power Supply (PA-AD-005)	
Batteries	Rechargeable Li-ion Battery PA-BT-004 (battery pack) ⁶	
Battery charge	Printer recharging: Approximately 2.2 hours Battery charger: Approximately 2.0 hours	
Battery life	Approx: 13,000 sheets @ 23 °C (50 mm × 30 mm label) @ 11% coverage via USB	
Options		
Optional cutter	Cutter Unit (PA-CU-007)	
Optional peeler	Label Peeler (PA-LP-008)	
Optional power	PA-BB-004 (battery base), PA-BC-004 (battery charger), PA-BT-004 (battery pack) ⁶	
Optional Other	Serial Adapter (PA-SCA-002), PA-BB-004 (Battery base), PA-BC-004 (battery charger), PA-BT-004 (battery pack) ⁶ , PA-HU2-002 (Print head), PA-HU3-002 (Print head), PA-PR2-002 (Platen roller), PA-PR3-002 (Platen roller)	Serial Adapter (PA-SCA-002), PA-BB-004 (Battery base), PA-BC-004 (battery charger), PA-BT-004 (battery pack) ⁶ , PA-HU2-002 (Print head), PA-HU3-002 (Print head), PA-PR2-002 (Platen roller), PA-PR3-002 (Platen roller)
Environment		
Auto power off	None, 10 - 720mins (in 10mins increments)	
Temperature	Operate: 5°C to 40°C, Charge: 10°C to 35°C, Storage: -20°C to 60°C	
Humidity	Operating: 20 to 80 % (No condensation, Maximum wet bulb temperature: 27°C)	
Other		
Warranty	2-Years Return-To-Base	
Carton contents	Printer, Quick Start Guide, Media Roll Holder, USB cable, External S/W Power Supply (PA-AD-005)	
Included cable	USB Type A - Type C cable (1m)	

¹ Only available for TD-2350D (built-in)

² Mobile Connect only available for android for the TD2320D

⁴ Sold separately

⁵ Download Seagull Drivers from <https://www.seagullscientific.com/support/downloads/drivers/brother/>

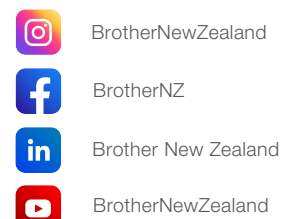
⁶ Requires the optional battery base PA-BB-004

Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.



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.



brother
at your side