DATASHEET

TD 2 Series

2-inch Label, Tag, &
Receipt Printing Solutions
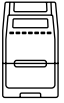
Product SKUs

(TD-2310D) (TD-2320D)

(TD-2350D) (TD-2350DSA)

TD 2 SERIES

Rock-solid reliability, ultimate flex.

Leave printing worries behind. The Brother TD 2300 series of thermal desktop printers offer the feature variety you need, in the space you have, using the media you want. Plus, the durable design stands up to the toughest shift. Rely on a trusted partner for lifetime technical support[1] and a 2-year warranty to keep business moving.

TD-2310D
USB & Serial

TD-2320D
USB, Serial & Ethernet

TD-2350D
USB, Serial, Ethernet, Wi-F® & Bluetooth®

TD-2350DSA
USB, Serial, Ethernet, Wi-F® & Bluetooth®

Key features

Flexible: Customize your printer with the media, connectivity, and features your business needs.

Efficient: Built-in emulations, compact size & optional tablet mounts to work with your existing systems and space.

Durable: Sealed LCD/keypad & sturdy metal parts prevent damage from spills and enhance durability.

Reliable: Brother is "at your side" with a 2-year bumper-to-bumper warranty and lifetime support.[1]

Learn more about the TD 2 Series

Industry applications

No matter where you deploy the TD 2300 series, you can count on this capable, simple, and versatile solution to print what you need, when you need it. And options for connectivity and portability lets you design the printer that your operation needs.

Retail
- Product labels & tags
- Shelf-edge labels & tags
- Return & markdown labels
- Item price labels
- Online order/in-store pickup labels

Warehouse/Manufacturing
- Box labels
- Item marking labels
- Pick labels
- Work-in-progress labels
- Barcode labels
- Bin labels
- Rack labels

Food Service
- Ingredient labels
- Nutrition labels
- Food safety labels
- Item price labels
- Fresh & prepared food labels
- Food order labels
- eGrocery labels
- Online order/delivery labels

Supplies
Choose thermal labels, tags, paper and wristbands certified by Brother to provide the best image quality for all your applications. Custom sizes and preprint options are also available.

See TD 2 supplies

Accessories
Create the printer you need with a wide number of optional accessories including a label peeler, cutter, battery, tablet mount and more.

See TD 2 accessories

Extended warranty service
Continue the useful life of your printer by adding an extended service program at any point while your printer is still under warranty[2].

Learn about warranties

Get in touch
800-543-6144
MobileSales@Brother.com
BrotherMobileSolutions.com

Software tools for easy integration and label design

| P-touch Editor | BarTender | Loftware Cloud | Codesoft | MarkMagic |

	TD-2310D	TD-2320D203 TD-2320D300	TD-2350D203 TD-2350D300	TD-2350D203SA TD-2350D300SA

Printing specification

Method	Direct thermal			
Resolution	203dpi	203dpi or 300dpi		
Max print speed	Up to 6ips (1522.4mm/sec)			
Max print width	2.32in (59mm)			
Max print length	118.1in (3000mm)			
Min print length	0.25in (6.4mm)			
Media handling	Continuous, tear-off	Continuous, tear-off, cutter, peeler		
Printer languages	P-touch template 2.0, raster, ESC/P			
Emulations	ZPL, EPL, DPL, CPCL			
Internal fonts	ESC/P: Letter Gothic Bold, Helsinki, Gothic, Brussels ESC/P(Templates): Letter Gothic Regular, Helsinki, Gothic, Brussels			
Internal linear barcodes	CODE 39, ITF(I-2/5), EAN(JAN)8/13, UPC-A/E, CODABAR (NW-7), CODE 128, GS1-128(UCC/EAN 128), GS1 Databar & Composite, CODE93, POSTNET, MSI, Intelligent Mail Barcode (IMb)			
Internal 2D barcodes	QR Code, Micro QR, Maxicode, PDF417, MicroPDF417, Data Matrix, Aztec			

Physical characteristics

Sealing protection	IP4x			
Mobile device charging	USB-C at 5V/3A			
Memory	256MB DRAM / 32MB flash / 8MB user area	256MB DRAM / 64MB flash / 32MB user area		
Real time clock	N/A	Standard with battery backup		
Led/buttons	3 LEDs with 3 buttons		3 LEDs, 7 buttons & LCD with 14 languages	24-key numeric keypad
Display	N/A		Monochrome LCD	3.5in color touch screen
Mounting	N/A	Threaded inserts for tablet mounting and secure mounting		
Battery	N/A	14.4v, 1750 mAh, 26Wh (optional)		
Battery charging	N/A	Direct in battery base or optional single slot charger		
Battery charge time	N/A	Up to 2.2hrs		
Power	External AC Adapter (Input: 100-240V AC 50/60Hz 1.5A, Output: 24V DC 3.6A)			
Weight	3.22lbs (1.46kg)	3.31lbs (1.50kg)	3.37lbs (1.53 kg)	3.90lbs (1.77 kg)
Dimensions	4.7in x 8.8in x 6.2in (119mm x 224mm x 158mm)		4.7in x 8.8in x 6.2in (119mm x 224mm x 158mm)	4.7in x 8.8in x 6.9in (119mm x 224mm x 176mm)
Temperature	41° F to 104° F (5° C to 40° C), 20% to 80% non-condensing			
Humidity	-4° F to 140° F (-20° C to 60° C), 10% to 90% non-condensing			

	TD-2310D	TD-2320D203 TD-2320D300	TD-2350D203 TD-2350D300	TD-2350D203SA TD-2350D300SA

Media specifications

Media type	Receipt, label, tag, wristbands
Media width	0.59in to 2.48in (15mm to 63 mm)
Inner diameter core	0.5in (11mm to 12.7mm), 0.75in (19mm),1.0in (25mm to 25.4mm), 1.38in (34.9mm), 1.5in (38.1mm)
Max outer diameter	5in (127mm)
Media thickness	2mil to 11mil (0.058mm to 0.279mm)
Auto media detection	Width, length and sensor type
Sensors	Type: gap (transmissive), black mark (reflective) Location: gap (fixed), black mark (adjustable)

Connectivity & software

	TD-2310D	TD-2320D203/D300	TD-2350D203/D300 & SA
Standard interfaces	USB v2.0 (Full Speed) Type C, USB Host (Keyboards, Scanners, Memory), RS232C (RJ25)	LAN (10/100 BASE-TX), USB v2.0 (Full Speed) Type C, USB Host (Keyboards, Scanners, Memory), RS232C (RJ25)	Wi-Fi (802.11 a/b/g/n), Bluetooth v5.2 (BR/EDR: Class 1, Bluetooth Low Energy: Class1.5) MFi, LAN (10/100 BASE-TX), USB v2.0 (Full Speed) Type C, USB Host (Keyboards, Scanners, Memory), RS232C (RJ25)
Network security & protocols	N/A	SSL/TLS1.0/1.1/1.2/1.3 (HTTPS, IPPS), SNMPv3, 802.1x (EAP-MD5/FAST/TLS/TTLS, PEAP), NDP, RA, ARP, RARP, BOOTP, DHCP, WINS/NetBIOS, mDNS, LLMNR, LPR/LPD, Raw Port, IPP/IPPS, FTP Client, SNMPv1/v2c/v3, HTTP/HTTPS server, ICMP, Web Services (Print)	
Wireless security	N/A		WEP 64/128bit, WPA/WPA2-PSK/WPA3-SAE (TKIP+AES / AES), WPA3-SAE (AES), EAP-FAST/TLS/TTLS, PEAP
OS support	Windows® 10 & 11, Linux, Android™ and iOS®. For the most up-to-date compatibility, visit our support page		
Drivers	Windows® and Linux. For the most up-to-date compatibility, visit our support page		
SDKs	Windows® bPAC, Android™ 9. For more information on SDKs, please visit our support page		
Device management	N/A	Brother BRAdmin Device Management, SOTI	
Label design[3]	Brother P-touch Editor Label Design/Print		
Support tools	Brother Printer Setting Tool		
Mobile apps[3]	Smooth Print, Mobile Deploy, Mobile Transfer Express, Print SDK Demo		

General

	TD-2310D	TD-2320D/TD-2350D	TD-2350D SA
Box contents	Printer, AC Adapter, power cord, USB A to C cable, media roll holder (1in & 1.5in) installed, media disk roll holder for (0.5in & 0.75in), quick start guide, safety guide		
Maintenance	Tool-free printhead and platen roller replacement		
Printer options[4]	N/A	Cutter, peeler, battery base, battery, tablet holder	Cutter, peeler, battery base, battery
External accessories[4]	N/A	Battery charger, serial adapter, AC Adapter, healthcare adaptor	Battery charger, serial adapter, AC Adapter,
Certifications	Energy Star Certified, WHQL		
Agency approvals	FCC, UL, ICES, CSA, RSS		
Warranty	2 Years Premier Limited Warranty		

Images are for illustrative purposes only. Actual output (such as font and margins) may vary. All specifications subject to change without notice.