



4" Professional label printer solution

TD-4650TNWB / TD-4750TNWB / TD-4650TNWBR /
TD-4750TNWBR Data Sheet

TD-4T Series

The versatile TD-4T desktop printer series uses high capacity thermal transfer ink ribbons for durable labelling and ultimate productivity.

This range of desktop printers offers RFID capabilities for identification, tracking, security and a range of other applications to meet your needs.

Key Features:

- Thermal transfer printing
- Compatible with Windows[®], Mac[®] and Linux
- Mobile operating system support using Software Development Kits (SDKs)
- Additional software including Seagull BarTender driver with Ultra Lite edition (downloadable)
- Fast print speeds of up to 203mm/sec (8ips)
- Various printer command languages supported
- 2.3 inch colour LCD display with 6-button navigation



General

Carton contents	AC adaptor USB cable Documentation 2 x 1" ribbon spindles for 300m ribbon 1" ribbon paper core
Language support	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

Dimensions & Weights

Without carton	219(w) x 284(d) x 191(h) 3.0kg
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Built In Features

Printing Method	Direct Thermal / Thermal Transfer
Print Resolution	TD-4650TNWB / TD-4650TNWBR: 203dpi TD-4750TNWB / TD-4750TNWBR: 300dpi
Print Speed	TD-4650TNWB / TD-4650TNWBR: 203mm/sec TD-4750TNWB / TD-4750TNWBR: 152mm/sec
Print Width	TD-4650TNWB / TD-4650TNWBR: 108mm TD-4750TNWB / TD-4750TNWBR: 105.7mm
Minimum print length	Continuous: 5mm Tear mode: Media width < 2 inch: 25.4 mm Media width ≥ 2 inch: 50 mm Peeler mode: 25.4mm Cutter mode: 25.4mm
Maximum print length	TD-4650TNWB/TD-4650TNWBR: 25400mm TD-4750TNWB/TD-4750TNWBR: 11430mm (Peeler mode: 152.4mm)
Minimum media width	20mm
Maximum media width	112mm
Maximum roll diameter	127mm
Minimum roll core diameter	25.4mm & 38.1mm
Minimum ribbon width	40mm
Maximum ribbon width	110mm
Suggested paper core width	0.5" paper core: fixed width 110mm, width 2 notches in each side 1" paper core: fixed width 110mm with 2 notches in each side 1" paper core: paper core width is the same as ribbon width and use with ribbon spindles
Inner paper core & ribbon length	0.5" paper core: Max. OD 40 mm, 110M long 1" paper core: Max. OD 67 mm, 300M long

RFID Type[^]	UHF
RFID label length[^]	On-pitch 0.625 inch or longer
RFID Inlay[^]	Compatible with EPC global Class 1 Gen2 (ISO 18000-6C) compliant inlays
RFID Antenna[^]	Adjustable to enable support of a wide array of RFID labels
RFID media width[^]	20 – 112mm
RFID media length[^]	16.5mm – max. length
Interfaces	USB Ver.2.0 (Full Speed) (Type B), USB Host Serial RS232C (DB9 female) Wired LAN 10/100BASE-TX Wi-Fi 802.11 a/b/g/n , Bluetooth v4.2
Bluetooth Profile	Classic; SPP(Serial Port Profile), GATT (Low Energy)
WLAN Security	Authentic method (encryption scheme) Infrastructure mode: <ul style="list-style-type: none"> • Open system (None/WEP64/WEP128) • WPA/WPA2-PSK (TKIP+AES) • EAP-FAST (TKIP/AES) • PEAPv0 (TKIP/AES) • EAP-TLS (TKIP/AES) • EAP-TTLS (TKIP/AES)
Control Panel	2.3-inch Colour LCD display (incl. Real time clock) 6 button navigation
Printer commands	FBPL-EZD (EPL2,ZPL2,DPL)
Internal fonts & sizes	8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Memory	RAM: 128MB Flash: 128MB
Internal Barcode	Linear: Code128UCC, Code128 subsets A, B, C, 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

Operating system support	Microsoft® Windows® 7 / Windows® 8 / Windows® 10 Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019
	OS X 10.11.x macOS 10.12.x, 10.13.x, 10.14.x 10.15
	Ubuntu V11.04-16.04 / Fedora 24 / SUSE Linux Enterprise Server 12 / CentOS Linux 7.2 / Red Hat Enterprise 7.3

Windows SDK	Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10 Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019
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Mobile SDK	Android v5 – v10 iOS v9 – v13.2 Requires 3 rd party app development using Brother SDK, further information available at www.brother.co.jp/eng/dev/
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Software	BarTender Ultra Lite Edition: Barcode label design software
	Brother Printer Management Tool: Software to centrally manage devices for updating settings, firmware and other configurations. (Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10 only), Microsoft® Windows® Server 2012 / Server 2016 / Server 2019)

Environmental

Operating Temperature	5°C to 40°C
Operating Humidity	25% to 85% non-condensing
Storage Temperature	-40°C to 60° C
Storage Humidity	10% to 90% non-condensing

Supplies

Roll type*	Uncoated label: BUS-1J074102-121: 102mm x 74mm, 1100 labels BUS-1J150102-121: 102mm x 150mm, 550 labels
	Coated label: BCS-1J074102-121: 102mm x 74mm, 1100 labels BCS-1J150102-121: 102mm x 150mm, 550 labels

Standard Wax:

BWS-1D300-060: 60mm x 300m
BWS-1D300-080: 80mm x 300m
BWS-1D300-110: 110mm x 300m

Premium Wax:

BWP-1D300-060 – 60mm x 300m
BWP-1D300-080 – 80mm x 300m
BWP-1D300-110 – 110mm x 300m

Standard Wax/Resin:

BSS-1D300-060: 60mm x 300m
BSS-1D300-080: 80mm x 300m
BSS-1D300-110: 110mm x 300m

Premium Wax/Resin:

BSP-1D300-060: 60mm x 300m
BSP-1D300-080: 80mm x 300m
BSP-1D300-110: 110mm x 300m

Standard Resin:

BRS-1D300-060: 60mm x 300m
BRS-1D300-080: 80mm x 300m
BRS-1D300-110: 110mm x 300m

Premium Resin:

BRP-1D300-060: 60mm x 300m
BRP-1D300-080: 80mm x 300m
BRP-1D300-110: 110mm x 300m

Ribbon type*

Optional Accessories (Dealer Option)

Label Peeler**	PA-LP-004
Full & Partial Cutter**	PA-CU-003
External Roll Holder (User Option)	PA-RH-001

*For additional supplies information, please contact your local Brother office

**Not recommended for use with RFID tags

^Only supported on TD-4650TNWBR and TD-4750TNWBR

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