

P-touch

PT-P900W / PT-P950NW

brother
at your side



Professional Label Printer

Print durable labels from PC, macOS® systems and Smart devices using Wired* or Wireless Network connectivity.

- Create durable labels up to 36mm in width
- High speed and high resolution printing
- Wired* and Wireless network connectivity
- Advanced full-cut and half-cut function with easy label peel feature
- Print images, barcodes and frames on labels
- Connect to imported database to print many labels
- Software development kits (SDK) available for Windows®, iOS® and Android™ devices

* PT-P950NW only



Offering the fastest print speed and high print resolution, PT-P900 Professional label printers series can produce durable labels up to 36mm in width.

Print text, barcodes, images and logos on durable TZe laminated labels that are suitable for indoor or outdoor use.

Choose between USB, Wired or Wireless connectivity and a range of optional accessories to create a customised label printing solution.

P-touch



Professional Label Printers designed for any labelling task

With a wide range of tapes colours and tape widths of up to 36mm wide and near to almost borderless printing with fast print speed and high resolution print capabilities, these label printers are ideal for facilities management, document archiving, asset labelling and print on-demand.

Wired, Wireless network and Bluetooth® wireless connectivity

These compact desktop label printers can connect to PC or macOS® systems using USB or Wireless network connections.

PT-P950NW label printer can connect to USB, Wired Wirelessly network or with an optional Bluetooth® wireless interface module that allows the easy connection directly to any Smart devices, PC and Bluetooth® wireless input devices such as barcode scanners.



Key features at a glance

	PT-P900W	PT-P950NW
Print durable labels from 3.5mm to 36mm in width	●	●
Large 32mm print height for near edge-to-edge printing	●	●
360dpi print resolution for crisp text, images and barcodes	●	●
High speed printing of up to 60mm per second	●	●
USB and Wi-Fi connectivity	●	●
Wired network connectivity (10/100 Base-TX LAN)		●
Advanced half cut function that can print easy-peel labels in a continuous strip for easy labels management	●	●
Complimentary P-touch Editor software	●	●
Software development kits (SDK) available to easily add label printing to third party software or apps	●	●
Merge text contained in Microsoft® Excel®, .csv and MSDE/SQL databases to easily print many labels	●	●
Print 1D and 2D industry standard barcodes	●	●
Free iOS® or Android™ label apps to print labels from Smart devices	●	●
Optional Rechargeable Li-ion battery and battery base	●	●
Optional RJ25 to DB9M serial adapter	●	●
Optional Bluetooth® wireless interface		●
Optional Touch Display unit with backlit LCD display to print custom labels without a Computer including current or future time and date		●



Industrial Label Design Software

Both models use the complimentary P-touch Editor software for Windows® and macOS® systems.

Create 1D and 2D barcodes, import logos and any other graphics using P-touch Editor label. Link to a Microsoft® Excel® spreadsheet or .csv file to print multiple labels quickly and efficiently.



Print from Smart devices

Instantly create and print simple labels from Smart devices without the need of a computer. Brother's iPrint&Label and Pro Label Tool mobile app allows the wireless connection to the label printer to design and print labels from iOS® or Android™ devices.

Identify any electrical and datacom cabling and equipment by using Pro Label Tool mobile app to print labels for wrapping around cables or faceplates, electrical distribution boards and other specialist equipment.



Print from anywhere

There are situations where AC power point may not be available, such as in construction sites or when the label printer is on a portable trolley.

Attach the optional Rechargeable Li-ion battery# and battery base# into the label printer to enable label printing wherever and whenever required.

Separate purchase required

Software Development Kit (SDK)

Software and app developers can use the various Software development kits (SDK) for Microsoft® Windows®, iOS® and Android™ devices to enable label printing from a third party software and app. This will make label these printers ideal to integrate into any legacy solutions.



Print on demand without a Computer

Ideal for the Food, Healthcare, and Pharmaceutical industry, the optional PA-TDU-003 Touch Display unit* applicable for PT-P950NW* only allow the printing of labels without any computer connection.

Design labels and upload them to the required location indicated on the Touch Display unit buttons, user can simply press the relevant button to print labels on demand. The built-in clock also allows labels to be printed with current and future use by time and dates.

* Separate purchase required



Advanced Cutter function with Easy-Peel feature

The advanced cutter function with full and half cut function can produce one long strip of labels that can be easily peeled one-at-a-time and ensure labels are kept in the correct order. Label can be fully cut as well if required.

Optional accessories



PA-BB-002

Battery base for Rechargeable Li-ion battery



PA-BT-4000LI

Rechargeable Li-ion battery



PA-SCA-001

RJ25 to DB9M serial adapter



PA-BI-002

Bluetooth® wireless interface (For PT-P950NW only)



PA-TDU-003

Touch Display unit for stand-alone label print (For PT-P950NW only)

TZe laminated labels – designed to last

Brother's TZe laminated tapes consist of six layers of materials, resulting in a thin yet extremely strong label. The direct thermal transfer ink is sandwiched between two protective layers of PET (polyester film) which protect the text against the effects of liquids, abrasion, temperature, chemicals, and sunlight. As the labels are tested to the extreme, professional quality labels are designed to last.

Tested to the Extreme

TZe laminated labels have been tested under extreme conditions such as exposure to low and high temperature, water and chemical test, abrasion test and fade-induced chamber test. A summary of the test results can be found below.



Temperature Resistant

Laminated labels were subjected to temperatures ranging from -80°C to 150°C for 240 hours, and the text was found to be unaffected.



Fade Resistant

After laminated labels were placed in a fade-inducing chamber to simulate a year in sunny surroundings, the text was unaffected.



Water and Chemical Resistant

Glass plates with laminated labels attached were immersed in water and various chemicals for two hours. The text was unaffected.



Abrasion Resistant

After a 1kg sanding device was passed over the laminated labels 50 times, the text was unaffected.



Laminated



Temperature Resistant



Water Resistant



Fade Resistant



Abrasion Resistant



Chemical Resistant



Easy Peel



Strong Adhesive

TZe Tapes

3.5mm	6mm	9mm	12mm	18mm	24mm	36mm
Standard laminated tape (8m / *4m)						
	TZe-111	TZe-121	TZe-131	TZe-141	TZe-151	TZe-161
			TZe-132			
			TZe-133			
			TZe-135			
	TZe-211	TZe-221	TZe-231	TZe-241	TZe-251	TZe-261
		TZe-222	TZe-232	TZe-242	TZe-252	TZe-262
		TZe-223	TZe-233	TZe-243	TZe-253	TZe-263
			TZe-334	TZe-344	TZe-354	
	TZe-315	TZe-325	TZe-335	TZe-345	TZe-355	TZe-365
		TZe-421	TZe-431	TZe-441	TZe-451	TZe-461
			TZe-435			
		TZe-521	TZe-531	TZe-541	TZe-551	TZe-561
			TZe-535		TZe-555	
	TZe-611	TZe-621	TZe-631	TZe-641	TZe-651	TZe-661
		TZe-721	TZe-731	TZe-741	TZe-751	
			TZe-B31		TZe-B51	
			TZe-C31		TZe-C51	
Matt laminated tape - (8m / **5m long)						
			TZe-M31			
			TZe-MQL35**			
			TZe-MQP35**			
			TZe-MQG35**			
Metallic laminated tape - 8m long						
		TZe-M921	TZe-M931		TZe-M951	TZe-M961
Non-laminated tape - 8m long						
TZe-N201		TZe-N221	TZe-N231	TZe-N241	TZe-N251	
Flexible ID laminated tape - 8m long						
	TZe-FX211	TZe-FX221	TZe-FX231	TZe-FX241	TZe-FX251	TZe-FX261
	TZe-FX611	TZe-FX621	TZe-FX631	TZe-FX641	TZe-FX651	TZe-FX661
Strong Adhesive laminated Tape - 8m long						
		TZe-S121	TZe-S131	TZe-S141	TZe-S151	
	TZe-S211	TZe-S221	TZe-S231	TZe-S241	TZe-S251	TZe-S261
		TZe-S621	TZe-S631	TZe-S641	TZe-S651	
Fabric tape - 3m long						
			TZe-FA3			
			TZe-FAE3			
			TZe-FA53			
			TZe-FA63			
Security Laminated tape - 8m long						
				TZe-SE4	TZe-SE5	

Heat Shrink Tube, 1.5m long (Shrink Ratio: 3:1)

5.2mm	9.0mm	11.2mm	21mm	31mm
HSe-211E	HSe-221E	HSe-231E	HSe-251E	HSe-261E
HSe-611E	HSe-621E	HSe-631E	HSe-651E	HSe-661E

FLe Flag Die-cut label

45mm x 21mm x 72 labels
FLe-2511
FLe-6511

Self-Laminating Tape

24mm	36mm
TZe-SL251	TZe-SL261
TZe-SL651	TZe-SL661

Tape availability differs by country



Specification

Label printing

Print labels up to 36mm in width
Maximum print height of 32mm for near edge-to-edge printing
360dpi print resolution for crisp, legible text, images and barcodes
Fast print speed at 60mm per second
Built-in automatic full-cutter and half-cutter with easy-peel function
Minimum label length: 4mm | Maximum label length: 1m
Print up to 17 lines per label
Number of copies: 1 - 999

Connectivity: Wired Network

USB: Windows® (USB 1.1, 2.0, 3.0 protocol) | macOS® systems (USB 1.0, 2.0 protocol)
Wired Network: 10 Base-T/100 Base-TX (For PT-P950NW only)
Serial: RS-232C (For printing with ESC/P commands only. Requires an optional serial adapter.)

Connectivity: Wireless Network

Wireless Direct: IEEE 802.11n | Ad-Hoc mode: IEEE 802.11b | Infrastructure mode: IEEE802.11b/g/n | WPS 2.0

Connectivity: Bluetooth® wireless interface (Optional accessory to purchase for PT-P950NW)

Bluetooth® wireless profiles: SPP, OPP

Printer emulations and printer modes

P-touch Raster | ESC/P | P-touch Template

Label creation (PC or macOS® systems)

Uses P-touch Editor label design software
Link to data stored in Microsoft® Excel® (Windows®) and .csv (mac®) files, to merge onto labels
Choose any fonts installed on PC or macOS® systems to fully customise label
Support popular image formats (.bmp, .dib, .jpg, .tif, .ico, .wmf)
Special cable labelling wizard to easily create labels for Cables, Patch Panels, Faceplates and switches
Use date and time stamping to automatically include current or future dates and time on labels

Barcode protocols supported

1D: CODE39, CODE128, ITF 2/5, EAN13, EAN8, UPC-A, UPC-E, CODABAR, GS1-128 (UCC/EAN128)
2D: QR Code, PDF417, Data Matrix, Aztec Code, RSS-14 (Standard, Truncated, Stacked, StackedOmni), RSS-Limited, RSS Expanded (Standard, Stacked)

Dimension and Weight

118mm (W) x 192mm (D) x 146mm (H) | 1.48kg (PT-P900W) / 1.51kg (PT-P950NW)

Package content

TZe-261 36mm Black on White tape, (8m long)
AD-9100ESA AC Power adapter
USB cable
User guide

Tape types supported

TZe tape: 3.5mm - 36mm, Self-Laminating tape: 24mm, 36mm
HSe Heat Shrink tube: 5.2mm - 31mm
FLe Flag Die-cut labels: 21mm x 45mm x 72 pcs