



 TECHNICAL DATASHEET

# Brother P-touch PT-E510VP Industrial Handheld Label Printer

Print durable labels  
up to 24 mm



## New features in the series

- ✓ **USB Type-C®** to charge your battery or design and print labels from your PC or Mac with included P-touch Editor design software<sup>2</sup>
- ✓ **Automatic dual cutter** to print a strip of labels with half-cuts, making it easy to peel and apply (new to PT-E510VP)
- ✓ **Load a database** into the printer, search and select a range to print as specific label application
- ✓ Charge your battery in half the time<sup>4</sup>
- ✓ Create and print **QR codes** and commonly used barcodes
- ✓ **Adjustable hand strap** with an included accessory ring to help reduce accidental drops



Learn more

### Keep using all of your P-touch labels

All P-touch laminated tapes, flags and heat shrink tubes are backwards compatible with the new models (in compatible sizes).

	Max. Media Width	USB-C	Bluetooth	Cutter	Database	Barcodes	Battery Charge Time	Drop Protection
<b>PT-E510VP</b>	24 mm	✓	X	Automatic Dual Cutter	✓	QR & 1D	3 hours <sup>4</sup>	Hand strap

	PT-E510VP
Type of Printer	Industrial Handheld Label Printer
Print Width	0.71 in (18 mm)
Lines per Label	Up to 7 lines
Media	HGe & TZe Tapes, HSe Heat Shrink Tube, STe Stencil, SLe Self-Laminating
Media Sizes (width)	3.5 mm, 6 mm, 9 mm, 12 mm, 18 mm, 24 mm
Included Computer Software <sup>2</sup>	Windows® Printer Driver, P-touch Editor v6.x for Windows®, P-touch Editor v5.x for Windows® (with Cable Labeling Wizard), Transfer Manager v2.x for Windows®, Printer Setting Tool for Windows®, Transfer Express for Windows®, Update Software for Windows®, Driver Deployment Wizard for Windows®, Firmware Update Tool for Windows® & Mac®
Memory	Download: Up to 99 templates, databases & images (6 MB) Standalone: Up to 99 files (1,800 characters / file)
Operating Systems	Computer: Windows® 11/10 (32/64 bit) Mac® macOS 12.x or later
Maximum Print Resolution	180 x 180 dpi (Standalone), 180 x 360 dpi (Computer)
Mobile Apps <sup>2</sup>	None
SDK Support	Windows®
Interfaces (Profile)	USB Type-C
Display	240 x 120 dot back-lit graphic LCD (17 characters x 2 lines) with real print preview feature
Keyboard	QWERTY layout with rubber keys
Cutter	Automatic with multi-label strip half-cutter
Print Speed <sup>3</sup>	Up to 1.2 ips (30 mm / sec) <sup>4</sup>
Function Keys	10 keys, 13 functions (General, Faceplate, Cable Wrap / Heat Shrink Tube, Cable Flag, Patch Panel / Terminal Strip, Punch Block, Barcode, Serialize, Advanced Serialization, Database, Self-Laminate)
Copy / Serialization	Up to 99 / 1-2 fields individually / simultaneously (alpha-numeric)
Resident Fonts	14 (Helsinki, Brussels, US, Los Angeles, San Diego, Florida, Calgary, Belgium, Atlanta, Adams, Brunei, Sofia, Germany, Letter Gothic)
Font Sizes / Styles	9 sizes / 10 styles (standalone)
Rotated Characters	Up to 25 alpha-numeric characters (on 24 mm tape)
Invert, Mirror & Vertical Printing	Yes
Resident Barcodes	1D (9): Code39, Code128, I-2/5 (ITF), UPC-A/E, EAN-8/13, GS1-128 (UCC/EAN-128), CODABAR (NW-7) 2D (2): QR Code, Data Matrix
Symbol Library	477 (59 voice / data and audio visual, 109 electrical, 104 safety, 205 misc.)
Drop Prevention	Hand Strap (Left / Right)
Product Dimensions / Weight	5.19 in x 9.6 in x 3.15 in (132 mm x 244 mm x 80 mm) / 2.31 lbs. (1.1 kg) without tape cassette & battery
Energy Efficiency	Energy Star Certified
Power Supply	BA-E001 Li-ion Battery Pack (Standard), PA-AD-004 USB-C PD AC Adapter (Optional)
Battery Charge Time	As fast as 3 hours <sup>4</sup>
Operating Temperature / Humidity	50° F to 95° F (10° C to 35° C) / 20% to 80% non-condensing
Carton Contents	Protective Case, Hand Strap, Li-ion Battery, USB-C Cable, Patch Panel Ruler, TZeFX251 Tape
Warranty	1-year limited exchange warranty



