

TJ-4420TN

TJ-4520TN

General

Box Contents	Printer, Power Cord, USB Cable, Documentation
Dimensions (W x H x L)	10.9" x 12.8" x 19.8" (276mm x 326mm x 502mm)
Weight	33.8 lbs. (15.4kg)
Power Specifications	Built-In Power Supply (Input: 100 - 240VAC 50/60Hz 4.0A – 2.0A)
Printer Memory	256MB SDRAM, 512MB Flash, Optional 32GB MicroSD Card
Control panel	6 Keys, 3 Color Status LED, 3.5" Color TFT LCD Control Panel, Dual Host-USB Interface Ports
Real Time Clock	Standard
Audio Device	Standard
Operating Systems	Windows Server 2019/2016/2012 R2/2012, Windows 10/8.1/7 (64-bit and 32-bit), Mac OS X® 10.11.x, macOS® 10.12.x or Higher, Linux®
SDK Support	Windows Server 2019/2016/2012 R2/ 2012/2008 R2/2008, Windows 10/8.1/8/7, Windows Vista, Android™ v5.0 or Higher, iOS v9.0 or Higher
In Box Software	Seagull BarTender UltraLite Design/Print Software Application, Brother Printer Management Software Tool
Printer Languages	FBPL II, ZPL II®, EPL2, DPL
ENERGY STAR Certified	Energy Star 3.0
Operating Temperature/Humidity	32°F - 104°F (0°C - 40°C) / 25% - 85%
Storage Temperature/Humidity	-40°F - 140°F (-40°C - 60°C) / 10% - 90%

Connectivity

Standard Interfaces	Ethernet LAN (10/100Base-TX), USB 2.0, Dual Host USB, RS232C Serial
Optional Interfaces	Dual Wi-Fi WLAN (5GHz 802.11a/n, 2.4GHz 802.11b/g/n) & Bluetooth 5.0
Security Protocols	<u>WLAN</u> : IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer <u>LAN</u> : 802.1x, ARP, MAC, BOOTP, DHCP, DNS, WINS, FTP Server, HTTP Server, SNTP Client, SMTP Client, SNMP V1, Telnet, LPR/LPD, RAW 9100, IPv4, ICMP, IGMP, TCP, UDP
Wireless Security	802.11i, WEP 64/128bit, WPA-PSK/WPA2 (TKIP/AES), WPA2-Enterprise (EAP-FAST, PEAPv0, EAP-TLS, EAP-TLLS)
Bluetooth Profiles	SPP, GATT (BLE)

¹Based on performance tests using Brother certified media, actual results may vary in actual applications

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Printing

Print technology	Direct Thermal and Thermal Transfer	
Print Head Resolution	203dpi (8 dots/mm)	300dpi (12 dots/mm)
Print Engine speed	Up to 14 ips (356mm/sec) ¹	Up to 12 ips (305mm/sec) ¹
Media/Print Width	4.5" (114mm) / 4.1" (104mm)	
Resident Barcodes	<u>Linear</u> : Code 11 (USD-8), Code 39, Code 93, Code 128 with subsets A/B/C, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2- or 5-digit extensions, GS1-128 (UCC/EAN-128), MSI Plessey, POSTNET, Standard 2-of-5 (IATA), Industrial 2-of-5, Interleaved 2-of-5, ITF-14, EAN-14, LOGMARS, Codabar (NW-7), Planet, Telepen, Deutsche Post Identcode, Deutsche Post Leitcode, Datalogic 2-of-5 (China Post) <u>2D</u> : CODABLOCK F, PDF417, Code 49, GS1 DataMatrix, MaxiCode, QR Code, TLC39, MicroPDF417, GS1 DataBar (RSS), Aztec Code	
Printer Sensors	Full Width Moveable Gap (Transmissive) and Black Mark (Reflective), Ribbon Encoder and Ribbon End, Head Open, Peeler (Optional)	
Media Type	Label and Tag: Roll or Fanfold / Die Cut or Continuous	
Media Roll Size	8.00" (203.2mm) Outer Diameter, Wound Out 1.5" (38.1mm) or 3" (76.2mm) Core Inside Diameter	
Media Loading	Internal: 1.5" Spindle, Compatible up to 3" Core External: Rear or Bottom Feed (External Roll and Fanfold)	
Media Specifications	Width: 0.79" - 4.5" (20mm - 114mm), Thickness: 2.36mil – 11mil (0.06mm - 0.28mm), Minimum Length (Tear): 0.2" (5mm), Minimum Length (Cutter): 1.0" (25.4mm), Minimum Length (Peeler): 0.5" (12.7mm)	
Ribbon Types	Wax, Resin, Semi (Wax / Resin)	
Ribbon Length	1,968' (600m) / 3.5" (90mm) Outer Diameter, Wound In/Out or 1,476' (450m) / 3.2" (81.3mm) Outer Diameter, Wound In/Out or 984' (300m) / 2.64" (67mm) Outer Diameter, Wound In/Out on 1" (25.4mm) Core Inside Diameter (No Notch)	
Ribbon Width	1.0" - 4.5" (25.4mm - 114.3mm)	
Ribbon Take Up Core	Ribbon Quick Release Take Up Spindle, No Ribbon Take Up Core Required	
Optional Accessories	Wi-Fi & Bluetooth Interface (PA-WB-001), Automatic Cutter (PA-CU-005), Label Peeler with Liner Rewinder (PA-LP-006), Print Head 203dpi (LBX097001), Print Head 300dpi (LBX098001), Platen Roller (LBX101001)	