



# **TJ-4522TN**

Titan Industrial Label Printer

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Food & Beverage



Manufacturing & Transport



Warehousing & Logistics



Retail

# **TJ-4522TN**

# Titan Industrial Label Printer



## Key features:

- Simple, robust and reliable direct thermal and thermal transfer technology
- Internal rewinder for optimised efficiency
- Print more than 10,000 labels a day
- 300dpi print resolution
- Max. 305mm/sec print speed
- 8.3cm colour LCD
- High-capacity 600m ribbon for fewer changes
- Supports Software Development Kits (SDK's) and printer command languages, including ZPL2 emulation
- USB, Serial, 10/100Base-TX, Wired LAN connectivity
- Optional dual Wi-Fi and Bluetooth accessory



## Drop-in, connect and print

From shipping and receiving labels, to product and compliance labels (and everything in between!), it's stress-free and seamless to integrate, without compromising productivity



#### Compatible with your existing infrastructure

Take advantage of the suite of connectivity options including USB 2.0, serial, Ethernet, and optional dual Wi-Fi and Bluetooth accessories, and its ability to support Software Development Kits (SDK's) and various printer command languages, including ZPL2 emulation



#### A solution built for your business

Customise your machine to meet the demands of your business with the optional dual Wi-Fi and Bluetooth accessory to support your critical workflows



#### Reliable, built-in technology

The built-in rewinder optimises efficiency and allows you to multi-task - simply send your labels to print and collect the ready-printed label roll whenever you need to! Utilising thermal technology, high capacity 600m ribbons and crisp 300dpi outputs, you'll save time and money while delivering professional results



## Warranty you can count on

A generous 2-year warranty on hardware and print heads means these mission-critical machines will always be performing at their best



#### At your side support

Wherever you are in Australia, Brother offers free product support for the lifetime of your product

Print Technology Print Resolution Maximum Print Speed Maximum Print Speed Maximum Print Longth Final Resolution Minimum Print Longth Minimum Print Longth Feed Feed Feed Feed Weight Internal Rewinder Weight Dimensions Control Panel Golden Longth Standard: USS Very Deliv Speed (CDP Print)  Control Panel Wire LAN Standard: USS Very Deliv Speed (CDP Print) Butter LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote Butter Der Standard: USS Very Deliv Speed (CDP Print) Wire LAN USB Host Prote PA-WB-001 (Optional): EEE 802.11 a bright (a butter is SOHE) bright a 2-4GHz) Cornolart to EEE 802.11 a bright (a butter is SOHE) bright a 2-4GHz) Cornolart to EEE 802.11 a bright (a butter is SOHE) bright a 2-4GHz) Protecole: IP-VI, APP, CONE USC TOP-VINC (A Deliver Internal Supply: 101 - 240 V 50 000 Pc Output: 24V 37 SA, 90W Marting Wire Landard: USB New Action Specification Vince Action Protecole: IP-VI, APP, CONE USC TOP-VINCE ACTION Policy Colors Internal Speed (CDP Print) Policy Colors Internal Speed (CDP Print) Policy Policy Colors Internal Speed (CDP Print) Poli		Technical Specifications for the TJ-4522TN
Print Resolution  Maximum Print Speed  Maximum Print Speed  Maximum Print Length  Minimum Print Length  Minimum Print Length  Feed  Feed  Feed  Feed  Nes  Internal Revision  Weight  Dimensions  Control Panel  Control Panel  Control Panel  Serial  Serial  Serial  Standard: USB Vey-20 (Full Speed) (Type Fg  Serial  Weight Standard: USB Vey-A Class (Br Hux), USB mass storage device data used used Regulation: 2.0  Bluetooth Profile  PA-WB-001 (Optional): Elestocht Wes. D. SP (Elestocht Chassis), GATT (Soutcoth Low Prargy)  WLAN Security  PAWB-001 (Optional): Elestocht Wes. D. SP (Elestocht Chassis), GATT (Soutcoth Low Prargy)  WLAN Security  Features 2021 in HT/D  PawB-001 (Optional): Elestocht Wes. D. SP (Elestocht Chassis), GATT (Soutcoth Low Prargy)  WLAN Security  Features 2021 in HT/D  Protocols: (Pv4, ARF) CMF, UT5, TeX, Pv6, Pv6, Class (Dv6) Ht Speed)  Wood Dimensions  Features 2021 in HT/D  Protocols: (Pv4, ARF) CMF, UT5, TeX, Pv6, Pv6, Class (Dv6) Ht Speed)  Features 2021 in HT/D  Protocols: (Pv4, ARF) CMF, UT5, TeX, Pv6, Pv6, Class (Dv6) Ht Speed)  Features 2021 in HT/D  Prover Susoly  Flaste 5 (24M5 McmSD) Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory dard revoor or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory dard revoor or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory dard revoor or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory dard revoor or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory dard revoor or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory dard revoor or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory sepantion or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory sepantion or Flash memory sepantion, up to 19/038  Flaste 5 (24M5 McmSD) Flash memory sepantion or Flash mem		
Maximum Print Speed Maximum Print Speed Maximum Print With Maximum Print Length Minimum Print Length Minimum Print Length Feed Emutation FEPL-ED (FEPL EPL2 PL2 PL2 PPL) Feed Internal Rewinder Nos  Size  Weight Obmensions 27/5mm x 50/7mm x 41/7mm (Wx 10 x H) Control Panel Control Panel Control Panel Control Panel Standard: 188 Ver.2.0 (Full Speed) (Type B) Serial Wideld LN Standard: 198 Ver.2.0 (Full Speed) (Type B) Serial Wideld LN Standard: 198 Ver.2.0 (Full Speed) (Type B) Serial Wideld LN Standard: 198 Ver.2.0 (Full Speed) (Type B) Serial Wideld LN Standard: 198 Ver.2.0 (Full Speed) (Type B) Feed Bluebooth Profile PA-WB-001 (Optional): ERF 802-11 Alva/gm (a band is 65Hz; pa/gm is 2 40-Pr) Complete PA-WB-001 (Optional): ERF 802-11 Alva/gm (a band is 65Hz; pa/gm is 2 40-Pr) Supports Reviewed in Self-2 20-20 Alva 802-11 in Facility Self-2 1 in Facility Self-2 in Facility Sel	Print Technology	Direct Thermal / Thermal Transfer
Maximum Print Length Minimum Print Length Minimum Print Length Fend Fend Fend Fend Fend Fend Fend Fend		300dpi
Maximum Print Length Minimum Print Length Emulation FBPL-ED (ISPL_S_PL2_PL2_PL2_PL2) Feed Temulation FBPL-ED (ISPL_S_PL2_PL2_PL2_PL2) Feed Internal Rewinder Star  Weight 18,558g (without rol) Dimensions 226mm x 502mm x 12 mm x 12	Maximum Print Speed	305 mm / second
Minimum Print Length   Smm   FBPL EZD (TBPL 2,PL2, ZPL2, ZPL2, DPL)	Maximum Print Width	104mm
Emulation FBPL-EZD (TSPL2_FPL2_CPL2_CPL2) Feed Internal Revinder Ves Internal Revinder Ves Size  Weight 18.93kg (without roll) Dimensions 2*Firm x 602mm x 412mm (W x D x H) Control Panel Color (bound display, 1 status indicator and 6 Button navigation Interface  USB Standard: USB Ver.2 D (Full Speed) (Type E) Serial Wered LAN Standard: 1982/32/C (DBB male) Wered LAN USB Host Ports Standard: 1987 Type-A Class IDF HIQ USB masse stronge device class USB Regulation: 2.0 Bluetooth Profile PA-WB-001 (Optional): FIER 502.71 a/b/g/n (a band in 5GHz; b/g/n is 2.4GHz) WLAN Security PA-WB-001 (Optional): FIER 502.71 a/b/g/n (a band in 5GHz; b/g/n is 2.4GHz) WLAN Security PRotocols: FP-4, A/P, ICNP, UDP, TCP, RAW, DHCP Client, DHCP FODN Option, Unicast DHCP Offer Momory  Standard Memory Standard Memory Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32/SB) Power Supply Internal Supply: 100 - 240 V 50/60Hz Wound Type Generic thermal continuous, black mark, die out laber with gap, fan-fold, notch media, perforated, tag, care label Wound Type Generic thermal continuous, black mark, die out laber with gap, fan-fold, notch media, perforated, tag, care label Wound Type Followidth 20mm - 114mm Reil Width 20mm - 120mm Width Flash: 50 Cmm - 0.28mm Teer Mode: 20mm - 120mm Width Flash on 114mm Reil Thickness 0.00mm - 0.28mm Teer Mode: 20mm - 120mm Width Flash on 114mm Filiabon Width 20mm - 114mm Filiabon Width 20mm - 114mm	Maximum Print Length	11,430mm
Feed   Yes   Yes	Minimum Print Length	5mm
New Yes   Size	Emulation	FBPL-EZD (TSPL2,EPL2,ZPL2,DPL)
Size	Feed	Yes
Weight	Internal Rewinder	Yes
Dimensions 276mm x 502mm x 412mm (W x D x H) Control Panel Colour touch display, 1 status indicator and 6 button newlgation Interface USB Standard: USB Ver.2.0 (Full Speech) (Type B) Serial Standard: RS232C (DB9 male) Wired LAN Wired LAN USB Host Ports Bluetooth Profile PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy) Wi-Fi PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy) WLAN Security PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy) WLAN Security PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy) PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  WLAN Security PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  WLAN Security PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  WLAN Security PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  WLAN Security PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  PA-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  Pa-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  Pa-WB-001 (Optional): Bluetooth Ver.50, SPP (Bluetooth Classic), GATT (Bluetooth Classic), GA		
Control Panel  Colour touch display, 1 status indicator and 6 button navigation  Interface  USB  Standard: USB Ver.2.0 (Full Speed) (Type B)  Serial  Standard: R\$232C (DB9 male)  Wired LAN  Standard: USB Type-A Class ID: HID, USB mass-storage device class USB Regulation: 2.0  Bluetooth Profile  PA-WB-001 (Optional): Bluetooth Wes 50, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)  Wi-Fi  PA-WB-001 (Optional): EIEE 802.11 arb/gr (a band is SGHz; Ught a 24.GHz)  Compliant to IEEE 802.11 arb/gr (a band as SGHz; Ught a 24.GHz)  Compliant to IEEE 802.11 arb/gr (a band as SGHz; Ught a 24.GHz)  Compliant to IEEE 802.11 arb/gr (a band as SGHz; Ught a 24.GHz)  RULAN Security  Factures: 802.11 arb/gr (a band as upport Supports Bandwidth in SGHz 20/40 MHz 802.11 in Factures: 802.11 arb (a band as upport Supports Bandwidth in SGHz 20/40 MHz 802.11 in Factures: 802.11 arb (a band as upport Supports Bandwidth in SGHz 20/40 MHz 802.11 in Factures: 802.11 in Hz 102.11 in Hz 1	Weight	18.93kg (without roll)
USB Standard: USB Ver.2.0 (Full Speed) (Type B)  Serial Standard: USB Ver.2.0 (Full Speed) (Type B)  Serial Standard: BS230C (DB0 male) Wired LAN Standard: BS230C (DB0 male) USB Host Ports USB Host Ports Standard: USB Type-A Class ID: HID. USB mass-storage device class USB Regulation: 2.0  Bluetooth Profile PA-WB-001 (Optional): Ellect 902.11 ar/b/g/n (a band is SGHz; b/g/n s 2.4GHz)  WI-FI PA-WB-001 (Optional): Ellect 902.11 ar/b/g/n (a band is SGHz; b/g/n s 2.4GHz)  Complaint to IEEE 802.11 ar/b/g/n (a band is SGHz; b/g/n s 2.4GHz)  WLAN Security Particles Standard: 10 IEEE 802.11 ar/b/g/n with dual band support Supports Bendwith in 5GHz 20/40 MHz 802.11 in Pentures 502.11 in H720  Protocols: IP-4, ARP, ICMP, UBP, TGP, RAW, DHGP Glient, DHGP F0IDN Option, Unicast DHGP Offer  Memory  Standard Memory  Standard Memory  Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)  Power Supply  Adapter  Internal Supply: 100 - 240 V 50/60Hz Output: 24V/3/75A, 90W  Media Specification  Types  Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type  Cutside Wound  Roll Size  Tear Mode: 50mm to Max Print Langth Max Roll Diameter: 200.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Thickness  0.08mm - 0.28mm  Maximum Roll OD Size  Ribbon Specification  1ypes  Maximum Roll OD Size  Ribbon Specification  Wound Type  Inside or Outside Wound  Ribbon Width  20mm - 114mm	Dimensions	276mm x 502mm x 412mm (W x D x H)
Serial Serial Serial Standard: USB Ver.2.0 (Full Speed) (Type B) Serial Standard: RS232C (DB9 mele) Wired LAN USB Host Ports Standard: USB Type-A Class ID: HID, USB mass storage device class USB Regulation: 2.0 Bluetooth Profile PA-WB-001 (Optional): BLUE 802.11 a /b/g/n (a band is 5GHz; b/g/n is 2.4GHz)  WI-FI PA-WB-001 (Optional): BLUE 802.11 a /b/g/n (a band is 5GHz; b/g/n is 2.4GHz)  WLAN Security  RVAN DHCP Client, DHCP FODN Option, Unicast DHCP Offer  Wemony  RVAN 128MB  RVAN 128MB  RVAN 128MB  RVAN 128MB  RVAN SUPPLY 24//3.75A.90W  RVAN Supply: 100 - 240 V 50/60Hz  Output: 24//3.75A.90W  RVAN Security  RVAN Security  RVAN Security  RVAN Security  RVAN Security  RVAN Relin Note Security  RVAN Roll Diameter: 203.2mm  Core size: 38. Imm - 70.2mm  Tear Mode: 50mm to Max Print Length  Max Roll Diameter: 203.2mm  Core size: 38. Imm - 70.2mm  Tear Mode: 20mm - 114mm  Roll Thickness  QUASmm - Quasmm  RVAN Resin, Semi (Wax/Resin)  Wound Type  Ribbon Specification  RVAN Resin, Semi (Wax/Resin)  Inside or Outside Wound  Ribbon Wound Type  Inside or Outside Wound  Ribbon Wound Type  Ribbon Wound Type  RVAN Resin, Semi (Wax/Resin)	Control Panel	Colour touch display, 1 status indicator and 6 button navigation
Serial Wired LAN Wired LAN USB Host Ports Standard: USB Type-A Class ID: HID, USB mass-storage device class USB Regulation: 2.0 Bluetooth Profile PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy) Wi-Fi PA-WB-001 (Optional): IEEE 802.11 a /br/g/n (a band is 56-Hz; br/g/n is 2.4G-Hz)  Compliant to IEEE 802.11 a /br/g/n with dual band support Supports Bandwidth in SGH-2 204 00 MHz 802.11n Features 802.11 in H720 Protocols: IP-4, ARP, ICMP, UDF, "TOF, FAW, DHCP Cleant, DHCP POEN Option, Unicast DHCP Offer Memory  Standard Memory  Standard Memory  Standard Memory  Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB) Power Supply  Adapter  Media Specification  Types Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label Wound Type Outside Wound  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Thickness 0.06mm - 0.28mm  Maximum Roll OD Size  Ribbon Specification  Types Wax, Resin, Semi (Max/Resin) Inside or Outside Wound  Ribbon Width 20mm - 114mm		
Wired LAN  USB Host Ports  Standard: USB Type-A Class ID: HID, USB mass-storage device class USB Regulation: 2.0  Bluetooth Profile  PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), CAIT (Bluetooth Low Energy)  Wi-Fi  PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), CAIT (Bluetooth Low Energy)  Wi-Fi  PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), CAIT (Bluetooth Low Energy)  Wi-Fi  PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), CAIT (Bluetooth Low Energy)  Wi-Fi  PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), CAIT (Bluetooth Low Energy)  Wi-Fi  PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), CAIT (Bluetooth Low Energy)  Wi-Fi  Wi-Fi  Wi-Fi  Wi-Fi  Wi-Fi  PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), CAIT (Bluetooth Low Energy)  Rosamon (Bluetooth Ver.5.0), CAIT (Bluetooth Low Energy)  Rosamon (Bluetooth	USB	Standard: USB Ver.2.0 (Full Speed) (Type B)
USB Host Ports   Standard: USB Type-A Class ID: HID, USB mass-storage device class USB Regulation: 2.0	Serial	Standard: RS232C (DB9 male)
Bluetooth Profile PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classie), GATT (Bluetooth Low Energy) Wi-Fi PA-WB-001 (Optional): IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)  Compliant to IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)  Compliant to IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)  Compliant to IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)  Supports Bandwicht in 5GHz 20/40 MHz 802.11 in Features: 802.11 n H720  Reaming without data leat in AP cover rage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer  Memory  Standard Memory  Standard Memory  Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)  Power Supply  Adapter  Media Specification  Types  Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type  Core sizes 38, 1mm - 76, 2mm Tear Mode: 20mm - 120mm Width  Roll Thickness  Maximum Roll OD Size  Ribbon Specification  Types  Wax, Resin, Semi (Wax/Resin)  Inside or Outside Wound  Ribbon Width  20mm - 114mm	Wired LAN	Standard: 10/100BASE-TX
Wi-Fi PA-WB-001 (Optional): IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)  Compilant to IEEE 802.11 a/b/g/n with dual band support Supports Bandwidth in 5GHz 20/40 MHz 802.11n Features: 802.11 nHz0 Roaming without data lost in AP cover rage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FODN Option, Unicast DHCP Offer  Memory  Standard Memory  Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)  Power Supply  Adapter  Adapter  Media Specification  Types  Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type  Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width  Roll Thickness  0.06mm - 0.28mm  Maximum Roll OD Size  Ribbon Specification  Types  Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound	USB Host Ports	Standard: USB Type-A Class ID: HID, USB mass-storage device class USB Regulation: 2.0
Compilant to IEEE 802.11 a/b/g/n with dual band support Supports Bandwidth in 5GHz 2040 MHz 802.11n Features: 802.11n HT20 Roaming without data lost in AP cover rage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer  Memory  Standard Memory  FAM: 128MB Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)  Power Supply  Adapter  Internal Supply: 100 - 240 V 50/60Hz Output: 24V/3,75A, 90W  Media Specification  Types  Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type  Outside Wound  Fear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 114mm  Roll Thickness  O.08mm - 0.28mm  Maximum Roll OD Size  203.2mm  Tippes  Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width  Outside Wound	Bluetooth Profile	PA-WB-001 (Optional): Bluetooth Ver.5.0, SPP (Bluetooth Classic), GATT (Bluetooth Low Energy)
Supports Bandwidth in Self-E20/140 MHz 202.11n Factures: 802.11n HT20 Rearning without data lost in AP cover rage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer  Memory  RAM: 128MB Standard Memory  Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)  Power Supply  Adapter  Internal Supply: 100 - 240 V 50/60Hz Output: 24V/3.75A, 90W  Media Specification  Types  Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type  Cutside Wound  Roll Size  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 114mm  Roll Thickness  0.08mm - 0.28mm  Maximum Roll OD Size  Ribbon Specification  Types  Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width  20mm - 114mm	Wi-Fi	PA-WB-001 (Optional): IEEE 802.11 a/b/g/n (a band is 5GHz; b/g/n is 2.4GHz)
Standard Memory  Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)  Power Supply  Internal Supply: 100 - 240 V 50/60Hz Output: 24V/3.75A. 90W  Media Specification  Types Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type Outside Wound  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width 20mm - 114mm  Roll Thickness O.06mm - 0.28mm  Maximum Roll OD Size  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm	WLAN Security	Supports Bandwidth in 5GHz 20/40 MHz 802.11n  Features: 802.11n HT20  Roaming without data lost in AP cover rage
Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)  Power Supply  Internal Supply: 100 - 240 V 50/60Hz Output: 24V/3.75A, 90W  Media Specification  Types Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type Outside Wound  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width 20mm - 120mm Width  Roll Thickness 0.06mm - 0.28mm  Maximum Roll OD Size 203.2mm  Flibbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm		Memory
Adapter Internal Supply: 100 - 240 V 50/60Hz Output: 24V/3.75A. 90W  Media Specification  Types Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type Outside Wound  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width 20mm - 120mm Width  Roll Thickness 0.06mm - 0.28mm  Maximum Roll OD Size 203.2mm  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin) Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm	Standard Memory	
Media Specification  Types Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Wound Type Outside Wound  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width 20mm - 114mm  Roll Thickness 0.06mm - 0.28mm  Maximum Roll OD Size 203.2mm  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm		
Types Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label  Outside Wound  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width 20mm - 114mm  Roll Thickness 0.06mm - 0.28mm  Maximum Roll OD Size 203.2mm  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin) Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm	Adapter	•••
Wound Type  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width  Roll Thickness  0.06mm - 0.28mm  Maximum Roll OD Size  Ribbon Specification  Types  Wax, Resin, Semi (Wax/Resin) Wound Type Inside or Outside Wound  Ribbon Width  20mm - 114mm		
Roll Size  Tear Mode: 50mm to Max Print Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width Roll Thickness 0.06mm - 0.28mm Maximum Roll OD Size 203.2mm  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin) Wound Type Inside or Outside Wound Ribbon Width 20mm - 114mm	Types	Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label
Roll Size  Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear Mode: 20mm - 120mm Width  Roll Width  20mm - 114mm  Roll Thickness 0.06mm - 0.28mm  Maximum Roll OD Size 203.2mm  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound Ribbon Width 20mm - 114mm	Wound Type	Outside Wound
Roll Thickness 0.06mm - 0.28mm  Maximum Roll OD Size 203.2mm  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm	Roll Size	Max Roll Diameter: 203.2mm  Core size: 38.1mm - 76.2mm
Maximum Roll OD Size  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm	Roll Width	20mm - 114mm
Maximum Roll OD Size  Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm	Roll Thickness	0.06mm - 0.28mm
Ribbon Specification  Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm		
Types Wax, Resin, Semi (Wax/Resin)  Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm		
Wound Type Inside or Outside Wound  Ribbon Width 20mm - 114mm	Types	
Ribbon Width 20mm - 114mm		
	Ribbon Length	600m

	Software
	Windows: BarTender, BPM (Brother Printer Management Tool), CommTool (Brother Communication Tool), Printer Driver, P-touch Editor 5.4
Software Included	Mac: Printer Driver
	Linux: Printer Driver
	Windows 11 Windows 10
	Windows 8.1
Windows Printer Driver	Windows 7
Tilladwa Fillitor Bilver	Server 2012 Server 2012R2
	Server 2016
	Server 2019
MAC Printer Driver	macOS X 10.11.x macOS 10.12 - 12.0
	Linux Ubuntu V11.04-16.04
	Fedora 24
Linux Printer Driver	SUSE Linux Enterprise Server 12 CentOS Linux 7.2
	Red Hat Enterprise 7.3
Mobile Software Development Kits (SDK's)	Android V5 iOS V9
(521(0)	Server 2019
	Windows 10 and Server 2016
Windows SDK	Windows 8.1 and Server 2012 R2 Windows 8 and Server 2012
	Windows 7 Windows 7
Android SDK	V5-V10
iOS SDK	V9-V13.2
Supported Command	FBPL-EZD (EPL,ZPL,ZPL2,DPL)
SAP Device Type	SAP_BASIS Release 6.20 - 7.11, except 7.10
Bar Code Symbologies	Linear:  Code128UCC, Code128 subsets A,B,C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Insuatrial 2 of 5, 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, EAN13, Code11, TELEPEN, TELEPENN, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS  2-dimensional:  CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417, TLC39
Fonts	8 alpha-numeric bitmap fonts for FBPL  Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Environment	
Operating Temperature	0 - 40°C
Operating Humidity	25 - 85% non-condensing
Storage Temperature	-40 - 60 °C
Storage Humidity	10 - 90% non-condensing
Printer Safety	EMC / RMC
	Warranty
Hardware	2 Year Return to Base
Print Head	2 Year Return To Base (25km or 6 months on print head)
<b>.</b>	Package Contents
Package Contents	Printer, Quick Start Guide, USB cable, Power Cord, Product Safety Guide, Paper Core
	Optional Accessories
Dual Bluetooh & Wi-Fi	PA-WB-001
Peeler	Not supported
Cutter	Not supported













