



TJ-4420TN

Titan Industrial
Label Printer

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Food &
Beverage



Manufacturing
& Transport



Warehousing
& Logistics



Retail

TJ-4420TN

Titan Industrial Label Printer



Key features:

- Simple, robust and reliable direct thermal and thermal transfer technology
- Print more than 10,000 labels a day
- 203dpi print resolution
- Max. 356mm/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 and WLAN connectivity
- Optional peeler, cutter and dual Wi-Fi and Bluetooth accessories



Drop-in, connect and print

The TJ-4420TN is ready to meet the demands of your business. Its intelligent design allows you to simply drop-in, connect and print, delivering stress-free and seamless integration, 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

The optional peeler, cutter, and dual Wi-Fi and Bluetooth accessories allow you to create a tailor-made solution that meets the demands of your business



Reliable, built-in technology

Whether you're printing shipping and receiving labels or product and compliance labels (and anything else in between!), using thermal technology delivers a simple, robust and reliable label printing solution. Accompanied by a high-capacity 600m ribbon and crisp 203dpi outputs, the TJ-4420TN works hard to deliver professional quality labels on an industrial scale



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

Technical Specifications for the TJ-4420TN

General

| | |
|----------------------|---|
| Print Technology | Direct Thermal / Thermal Transfer |
| Print Resolution | 203dpi |
| Maximum Print Speed | 305 mm / second |
| Maximum Print Width | 104mm |
| Maximum Print Length | 25,400 mm |
| Minimum Print Length | Continuous: 5mm Tear mode: 50 mm Peeler mode: 12.7mm Cutter mode: 25.4mm |
| Emulation | FBPL-EZD (TSPL2, EPL2, ZPL2, DPL) |
| Feed | Yes |

Interface

| | |
|-------------------|---|
| USB | Standard: USB Ver.2.0 (Full Speed) (Type B) |
| Serial | Standard: RS232C (DB9 male) |
| Wired LAN | Standard: 10/100BASE-TX |
| USB Host Ports | 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/b/g/n (a band is 5GHz; b/g/n is 2.4GHz) |
| WLAN Security | Compliant to IEEE 802.11 a/b/g/n with dual band support Supports Bandwidth in 5GHz 20/40 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

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|-----------------|--|
| Standard Memory | RAM: 256MB Flash: 512MB (MicroSD Flash memory card reader or Flash memory expansion, up to 32 GB) |
|-----------------|--|

Power Supply

| | |
|---------|--|
| Adapter | Internal Supply: 100 - 240 V 50/60Hz Output: 24V/3.75A. 90W |
|---------|--|

Media Specification

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|------------|---|
| Types | Generic thermal continuous, black mark, die cut label with gap, fan-fold, notch media, perforated, tag, care label |
| Wound Type | Outside Wound |
| Roll Size | Tear Mode: 50mm to Max Print Length Peeler Mode: 12.7mm - 152.4mm Length Cutter Mode: 25.4mm - 2,286mm Length Max Roll Diameter: 203.2mm Core size: 38.1mm - 76.2mm Tear / Peeler Mode: 20mm - 120mm Width Cutter Mode: 20mm - 114mm Width |
| Roll Width | 20mm - 114mm |

Ribbon Specification

| | |
|---------------|--------------------------------------|
| Types | Wax, Resin, Semi (Wax/Resin) |
| Wound Type | Inside or Outside Wound |
| Ribbon Width | 20mm - 114mm (0.79 inch to 4.5 inch) |
| Ribbon Length | 600m |

Software

| | |
|------------------------|--|
| Software Included | Windows: BarTender Ultra Lite Edition, BPM (Brother Printer Management Tool), CommTool (Brother Communication Tool), Printer Driver Mac: Printer Driver Linux: Printer Driver |
| Windows Printer Driver | Windows 11 Windows 10 Windows 8.1 Windows 7 Server 2012 Server 2012R2 Server 2016 Server 2019 |
| MAC Printer Driver | macOS X 10.11.x macOS 10.12 - 12.0 |

| Software | |
|--|--|
| Linux Printer Driver | Linux Ubuntu V11.04-16.04 Fedora 24 SUSE Linux Enterprise Server 12 CentOS Linux 7.2 Red Hat Enterprise 7.3 |
| Mobile Software Development Kits (SDK's) | Android V5 iOS V9 |
| Windows SDK | Server 2019 Windows 10 and Server 2016 Windows 8.1 and Server 2012 R2 Windows 8 and Server 2012 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 |
| Dimensions and Weight | |
| Weight | 15.35kg (without roll) |
| Dimensions | 276mm x 502mm x 326mm (W x D x H) |
| Control Panel | LCD display, 1 status indicator and 6 button navigation |
| 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) |
| Package Contents | |
| Package Contents | Printer, Quick Start Guide, USB cable, Power Cord, Product Safety Guide, Paper Core |
| Optional Accessories | |
| Dual Bluetooth & Wi-Fi | PA-WB-001 |
| Peeler | PA-LP-006 |
| Cutter | PA-CU-005 |



Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.



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