TJ-4020TN
Titan Industrial Label Printer

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Food & Beverage	Manufacturing & Transport	Warehousing and logistics	Retail

TJ-4020TN

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. 254mm/sec print speed
- High-capacity 450m 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

From shipping and receiving labels, to product and compliance labels (and everything in between!), the TJ-4020TN is ready to meet the demands of your business. This industrial labelling solution is 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

In addition to its high-capacity 450m ribbon and crisp 203dpi outputs, the TJ-4020TN utilises thermal technology which delivers a simple, robust and reliable label printing solution that gets the job done, every time while saving you time and money

Warranty you can count on

A generous 2-year warranty on hardware and print heads means that this 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-4020TN

General	
Print Technology	Direct Thermal / Thermal Transfer
Print Resolution	203dpi
Maximum Print Speed	254 mm / second
Maximum Print Width	107mm - Tear Mode
Maximum Print Length	25,400 mm
Minimum Print Length	**Continuous:** 5mm **Tear mode:** 50 mm **Peeler mode:** 25.4mm **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	Not supported
Wi-Fi	**PA-WI-002 (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	
Standard Memory	**RAM:** 128MB **Flash:** 128MB

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
Wound Type	Outside Wound
Roll Size	**Tear Mode:** 50mm to Max Print Length **Peeler Mode:** 25.4mm - 152.4mm Length **Cutter Mode:** 25.4mm - 2,286mm Length **Max Roll Diameter:** 203.2mm **Core size:** 25.4mm - 76.2mm **Tear / Peeler Mode:** 20mm - 120mm Width **Cutter Mode:** 20mm - 114mm Width
Roll Width	**Tear Mode** 20mm - 120mm **Cutter Mode:** 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	40mm - 110mm
Ribbon Length	450m

Software	
Software Included	**Windows:** BarTender, BPM (Brother Printer Management Tool), CommTool (Brother Communication Tool), Printer Driver, P-touch Editor 5.4 **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	9.2kg (without roll)
Dimensions	248mm x 436mm x 274mm (W x D x H)
Control Panel	4 intuitive icon indicators, 1 status indicator, 2 buttons (pause, feed)
Environment	
Operating Temperature	0 - 40℃
Operating Humidity	25 - 85% non-condensing
Storage Temperature	-40 - 60 ℃
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-WI-002
Peeler	PA-LP-005
Cutter	PA-CU-004

BarTender.
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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.

Brother Earth

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Brother International Australia

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