



# Brother *Titan Industrial* Printer Series

4-INCH BARCODE & LABEL PRINTERS

**Continuous performance  
at the best value.**

**Product datasheet**

TJ-4021TN

TJ-4121TN

# Print ultra-fast. Again. And again. And again.

Introducing the TJ-4021TN and TJ-4121TN of the Brother 4-inch *Titan Industrial Printer* series. These compact, high-volume label printers deliver the quality barcode labels you need with the support you want at a price you like.

The Brother *Titan Industrial Printer* produces consistently crisp barcode labels at top speeds. Push the boundaries of what you can accomplish with refreshingly easy integration designed to drop in and a complete set of connectivity choices. Experience it all with some of the most affordable price points and subscription<sup>1</sup> options available. Then, discover unmatched support that's "at your side" for life.<sup>2</sup>



	 WiFi	 USB	 Ethernet	 Serial	 DPI	 Speed	Direct Thermal	Thermal Transfer	 Cutter/Peeler
<b>TJ-4021TN</b>	Optional	●	●	●	203	10 ips max	●	●	Optional
<b>TJ-4121TN</b>	Optional	●	●	●	300	7 ips max	●	●	Optional

## Key features

- **Performance:** Produce quality, scannable barcodes at up to 10ips<sup>3</sup>. You can also scale up to 300dpi for visibly sharp resolutions.
- **Support:** Backed by an industry-leading Two-year Premier Limited Warranty<sup>4</sup>, printhead replacement perks program<sup>5</sup>, and responsive, lifetime<sup>2</sup> customer support.
- **Integration:** Seamlessly integrate with YOUR system using a full suite of included emulations, SDKs, and drivers.
- **Versatile connectivity:** All models come standard with Ethernet/LAN, USB 2.0, host USB and RS232C Serial, plus options to add a Wi-Fi® module.
- **Buy or subscribe:** Upfront affordability with some of the lowest price points in the industry or subscription<sup>1</sup> options for one low monthly fee.
- **Usability:** See printer status and make selections on the fly with a 3.5-inch, full-color HVGA touch panel display.

<sup>1</sup> Shift & Print Subscription Service is subject to credit approval.

<sup>2</sup> For the life of the product.

<sup>3</sup> Based on performance tests using Brother certified media, actual results may vary in actual applications.

<sup>4</sup> Warranty includes the printhead, which is covered up to 2 years or 1 million linear inches, whichever comes first. For full details, contact your Brother Sales Representative or visit our [Warranty Page](#).

<sup>5</sup> Get replacement printheads at up to 56% off the list price while the machine is under warranty and serviced by Brother.

## Industry applications

These industrial printers are ideally suited for long-term use in warehouses, manufacturing and across the supply chain.



### Transportation & logistics warehouse

- Shipping labels
- Product ID labels
- Secondary packing labels
- Order preparation “picking”
- Pallet labels

### Manufacturing

- Packing labels
- Shipping labels
- Parts / product labels
- Secondary packing labels
- Storage labels

### Retail

- Shipping labels
- Returns labels
- Product labels



### Supplies

Find Premium label rolls and ribbon types for all your applications. Custom options also available.



### Accessories

We offer optional peeler, cutter and Wi-Fi interface, as well as replacement platen roller and printheads.



### Extended warranty service

Extend the useful life of your printer by adding an extended service program at any point while your printer is still under warranty.

## Get in contact

800-543-6144  
mobilesales@brother.com  
www.brothermobilesolutions.com

## Software tools for easy integration and label design



TJ-4021TN

TJ-4121TN

## General

Box Contents	Printer, Power Cord, USB Cable, Ribbon Take-Up Core, 3" Media Supply Core Adapter (2 pieces), Documentation
Dimensions (W x H x L)	9.76" x 10.79" x 17.17" (248mm x 274mm x 436mm)
Weight	20.7 lbs. (9.4 kg)
Power Specifications	100 - 240VAC 50/60Hz 2.0A
Printer Memory	128 SDRAM, 128MB Flash
Control panel	6 Keys/ 1 Status LED (3 Color), 3.5" HVGA Color Touch Screen Control Panel
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% non-condensing
Storage Temperature/Humidity	-40°F - 140°F (-40°C - 60°C) / 10% - 90% non-condensing

## Connectivity

Standard Interfaces	Ethernet LAN (10/100Base-TX), USB 2.0, Host USB, RS232C Serial
Optional Interfaces	Wi-Fi WLAN (5GHz 802.11a/n and 2.4GHz 802.11b/g/n Infrastructure)
Security Protocols	WLAN: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer LAN: 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)

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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 10 ips (254mm/sec) <sup>1</sup>	Up to 7 ips (177.8mm/sec) <sup>1</sup>
Media/Print Width	4.7" (120mm) / 4.21" (107mm)	4.7" (120mm) / 4.16" (105.7mm)
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, Notch, or Continuous	
Media Roll Size	8.00" (203.2mm) Outer Diameter, Wound Out, 1" (25.4mm) or 3" (76.2mm) Core Inside Diameter	
Media Loading	Internal: 1" Spindle with 3" Core Adapters (2 pieces) External: Rear Feed (External Roll or Fanfold)	
Media Specifications	Width (Tear, Peeler): 0.79" - 4.72" (20mm - 120mm) Width (Cutter): 0.79" - 4.49" (20mm - 114mm) Thickness: 2.36mil - 11mil (0.06mm - 0.28mm) Minimum Length (Tear): 0.20" (5mm) Minimum Length (Peeler, Cutter): 1" (25.4mm)	
Ribbon Types	Wax, Semi (Wax/Resin), Resin	
Ribbon Length	1,476' (450m) Length / 3.2" (81.3mm) OD or 984' (300m) Length / 2.64' (67mm) OD, Wound In/Out on 1" (25.4mm) Core ID (No Notch Required)	
Ribbon Width	1.57" - 4.33 (40mm - 110mm)	
Ribbon Take Up Core	4.33" (110mm) Width / 1" (25.4mm) ID (No Notch Required)	
Optional Accessories	Wi-Fi Interface (PA-WI-002) Automatic Cutter (PA-CU-004) Label Peeler with Liner Rewinder (PA-LP-005) Printhead 203dpi (LBX092001) Printhead 300dpi (LBX093001) Platen Roller (LBX094001)	

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

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