



 DATASHEET

# Brother *Titan Industrial* Printer Series

Continuous performance  
at a great value

## Product SKUs

TJ-4010TN

TJ-4020TN

TJ-4021TN

TJ-4120TN

TJ-4121TN



BROTHER TITAN INDUSTRIAL PRINTER SERIES

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

Discover budget-friendly and reliable models in the Brother *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. Simple drop-in integration and a complete set of connectivity choices lets you add these printers to your workflow without skipping a beat. Experience it all with some of the most affordable price points and subscription<sup>1</sup> options available. Then, rest easy knowing that you've got unmatched support that's "at your side" for life.<sup>1</sup>



	User Interface	Wi-Fi®	USB/Ethernet/ Serial	Resolution	Speed	Direct Thermal/ Thermal Transfer	Cutter/Peeler
<b>TJ-4010TN</b>	2 keys and 4 backlit icons	Optional	✓	203dpi	6 ips max	✓	Optional
<b>TJ-4020TN</b>	2 keys and 4 backlit icons	Optional	✓	203dpi	10 ips max	✓	Optional
<b>TJ-4021TN</b>	6 keys and 1.5in touch display	Optional	✓	203dpi	10 ips max	✓	Optional
<b>TJ-4120TN</b>	2 keys and 4 backlit icons	Optional	✓	300dpi	7 ips max	✓	Optional
<b>TJ-4121TN</b>	6 keys and 3.5in touch display	Optional	✓	300dpi	7 ips max	✓	Optional

## Key features



**Performance:** Produce quality, scannable barcodes at up to 10ips<sup>2</sup>. You can also scale up to 300dpi for visibly sharp print quality.



**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.



**Support:** Backed by an industry-leading Two-year Premier Limited Warranty<sup>3</sup>, printhead replacement perks program<sup>4</sup>, and responsive, lifetime<sup>1</sup> customer support.



**Buy or subscribe:** Upfront affordability with some of the lowest price points in the industry or subscription<sup>5</sup> options for one low monthly fee.



**Integration:** Seamlessly integrate with YOUR system using a full suite of included emulations, SDKs, and drivers.



## Industry applications

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



### Retail

- Shipping labels
- Returns labels
- Product labels

### Manufacturing

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

### Transportation & logistics (warehouse)

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



### Supplies

Find thermal full-page paper and labels certified by Brother to provide the best image quality for all your applications.<sup>6</sup> Custom sizes and preprint options are also available.



### Accessories

We offer optional peeler, cutter and Wi-Fi interface, as well as replacement platen roller and printheads.<sup>6</sup>



### 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.<sup>6</sup>

## Get in contact

800-543-6144  
MobileSales@Brother.com  
BrotherMobileSolutions.com

## Software tools for easy integration and label design



SAP



BarTender



Loftware NiceLabel



Teklynx

	TJ-4010TN	TJ-4020TN	TJ-4021TN	TJ-4120TN	TJ-4121TN
--	-----------	-----------	-----------	-----------	-----------

## General

<b>Box Contents</b>	Printer, Power Cord, USB Cable, Ribbon Take-Up Core, 3in Media Supply Core Adapter (2 pieces), Documentation				
<b>Dimensions (W x H x L)</b>	9.8in x 10.8in x 17.2in (248mm x 274mm x 436mm)				
<b>Weight</b>	20.7 lbs (9.4 kg)				
<b>Power Specifications</b>	100 - 240VAC 50/60Hz 2.0A				
<b>Printer Memory</b>	128 SDRAM, 128MB Flash				
<b>Control panel</b>	2 Keys/ 1 Status LED (3 Color), 4 Icon LEDs	6 Keys/ 1 Status LED (3 Color), 3.5" HVGA Color Touch Screen Control Panel	2 Keys/ 1 Status LED (3 Color), 4 Icon LEDs	6 Keys/ 1 Status LED (3 Color), 3.5" HVGA Color Touch Screen Control Panel	
<b>Real Time Clock</b>	Standard				
<b>Audio Device</b>	Standard				
<b>Operating Systems</b>	Windows® Server 2019/2016/2012 R2/2012, Windows 11/10/8.1/7 (64-bit and 32-bit), Mac OS X® 10.11.x, macOS® 10.12.x or Higher, Linux®				
<b>SDK Support</b>	Windows Server 2019/2016/2012 R2/2012/2008 R2/2008, Windows 11/10/8.1/8/7, Windows Vista, Android™ v8.0 or Higher, iOS® v11 or Higher				
<b>In Box Software</b>	Seagull BarTender UltraLite Design/Print Software Application, Brother Printer Management Software Tool				
<b>Printer Languages</b>	FBPL II, ZPL II®, EPL2, DPL				
<b>ENERGY STAR Certified</b>	Energy Star 3.0				
<b>Operating Temperature/Humidity</b>	32°F - 104°F (0°C - 40°C) / 25% - 85% non-condensing				
<b>Storage Temperature/Humidity</b>	-40°F - 140°F (-40°C - 60°C) / 10% - 90% non-condensing				

	TJ-4010TN	TJ-4020TN	TJ-4021TN	TJ-4120TN	TJ-4121TN
--	-----------	-----------	-----------	-----------	-----------

## Printing

<b>Print Technology</b>	Direct Thermal and Thermal Transfer				
<b>Print Head Resolution</b>	203dpi (8 dots/mm)		300dpi (12 dots/mm)		
<b>Print Engine Speed<sup>2</sup></b>	Up to 6ips (152mm /sec)	Up to 10ips (254mm/sec)		Up to 7ips (177.8mm/sec)	
<b>Media/Print Width</b>	4.7in (120mm) / 4.2in (107mm)		4.7in (120mm) / 4.2in (105.7mm)		
<b>Resident Barcodes</b>	<p><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 (ATA), 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)</p> <p><u>2D</u>: CODABLOCK F, PDF417, Code 49, GS1 DataMatrix, MaxiCode, QR Code, TLC39, MicroPDF417, GS1 DataBar (RSS), Aztec Code</p>				
<b>Printer Sensors</b>	Full Width Moveable Gap (Transmissive) and Black Mark (Reflective), Ribbon Encoder and Ribbon End, Head Open, Peeler (Optional)				
<b>Media Type</b>	Label and Tag: Roll or Fanfold / Die Cut, Notch, or Continuous				
<b>Media Roll Size</b>	8in (203.2mm) Outer Diameter, Wound Out, 1in (25.4mm) or 3in (76.2mm) Core Inside Diameter				
<b>Media Loading</b>	Internal: 1in Spindle with 3in Core Adapters (2 pieces) External: Rear Feed (External Roll or Fanfold)				
<b>Media Specifications</b>	<p>Width (Tear, Peeler): 0.8in - 4.7in (20mm - 120mm)</p> <p>Width (Cutter): 0.8in - 4.5in (20mm - 114mm)</p> <p>Thickness: 2.36mil - 11mil (0.06mm - 0.28mm)</p> <p>Minimum Length (Tear): 0.2in (5mm)</p> <p>Minimum Length (Peeler, Cutter): 1in (25.4mm)</p>				
<b>Ribbon Types</b>	Wax, Semi (Wax/Resin), Resin				
<b>Ribbon Size</b>	<p>Length: Up to 450m</p> <p>Width: 1.6in - 4.3in (40mm - 110 mm)</p> <p>Core: 1in (25.4mm) Core ID (No Notch Required)</p> <p>Wind: In/Out</p>				
<b>Optional Accessories</b>	<p>Wi-Fi Interface (PA-WI-002)</p> <p>Automatic Cutter (PA-CU-004)</p> <p>Label Peeler with Liner Rewinder (PA-LP-005)</p> <p>Printhead 203dpi (LBX092001)</p> <p>Printhead 300dpi (LBX093001)</p> <p>Platen Roller (LBX094001)</p>				

TJ-  
4010TNTJ-  
4020TNTJ-  
4021TNTJ-  
4120TNTJ-  
4121TN

## Connectivity

<b>Standard Interfaces</b>	Ethernet LAN (10/100Base-TX), USB 2.0, Host USB, RS232C Serial
<b>Optional Interfaces</b>	Wi-Fi WLAN (5GHz 802.11a/n and 2.4GHz 802.11b/g/n Infrastructure)
<b>Security Protocols</b>	<u>WLAN</u> : IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer, GPIO for applicator or other external machine interface <u>LAN</u> : 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
<b>Wireless Security</b>	802.11i, WEP 64/128bit, WPA-PSK/WPA2 (TKIP/AES), WPA2-Enterprise (EAP-FAST, PEAPv0, EAP-TLS, EAP-TLLS)

<sup>1</sup> For the life of the product.

<sup>2</sup> Based on performance tests using Brother certified media, actual results may vary in actual applications.

<sup>3</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>4</sup> Get replacement printheads at up to 56% off the list price while the machine is under warranty and serviced by Brother.

<sup>5</sup> Shift & Print Subscription Service is subject to credit approval.

<sup>6</sup> Additional purchase required.

Images are for illustrative purposes only. Actual output (such as font and margins) may vary. All specifications subject to change without notice.

Brother is a trademark or registered trademark of Brother Industries, Ltd, in the United States. All other trademarks and registered trademarks are the properties of their respective companies.