



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>

## Software tools for easy integration and label design



SAP



BarTender



NiceLabel



Teklynx



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## 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 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 10/8.1/8/7, Windows Vista, Android™ v5.0 or Higher, iOS v9.0 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				

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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 <sup>2</sup>	Up to 6ips (152mm /sec)	Up to10ips (254mm/sec)	Up to 7ips (177.8mm/sec)
Media/Print Width	4.7in (120mm) / 4.2in (107mm)		4.7in (120mm) / 4.2in (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	8in (203.2mm) Outer Diameter, Wound Out, 1in (25.4mm) or 3in (76.2mm) Core Inside Diameter		
Media Loading	Internal: 1in Spindle with 3in Core Adapters (2 pieces) External: Rear Feed (External Roll or Fanfold)		
Media Specifications	Width (Tear, Peeler): 0.8in - 4.7in (20mm - 120mm) Width (Cutter): 0.8in - 4.5in (20mm - 114mm) Thickness: 2.36mil - 11mil (0.06mm - 0.28mm) Minimum Length (Tear): 0.2in (5mm) Minimum Length (Peeler, Cutter): 1in (25.4mm)		
Ribbon Types	Wax, Semi (Wax/Resin), Resin		
Ribbon Size	Length: Up to 450m Width: 1.6in - 4.3in (40mm - 110 mm) Core: 1in (25.4mm) Core ID (No Notch Required) Wind: In/Out		
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)		

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## 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.

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