



 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 subscription¹ options available. Then, rest easy knowing that you've got unmatched support that's "at your side" for life.¹



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

Key features



Performance: Produce quality, scannable barcodes at up to 10ips². 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 Warranty³, printhead replacement perks program⁴, and responsive, lifetime¹ customer support.



Buy or subscribe: Upfront affordability with some of the lowest price points in the industry or subscription⁵ 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.⁶ 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.⁶



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.⁶

Get in contact

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

Software tools for easy integration and label design



SAP



BarTender



NiceLabel



Teklynx

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

| | | | | | |
|---------------------------------------|--|--|---|--|--|
| Box Contents | Printer, Power Cord, USB Cable, Ribbon Take-Up Core, 3in Media Supply Core Adapter (2 pieces), Documentation | | | | |
| Dimensions (W x H x L) | 9.8in x 10.8in x 17.2in (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 | 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 | |
| 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 | | | | |

| | TJ-4010TN | TJ-4020TN | TJ-4021TN | TJ-4120TN | TJ-4121TN |
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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 Speed² | Up to 6ips (152mm /sec) | Up to 10ips (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 | <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 (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)</p> <p><u>2D</u>: CODABLOCK F, PDF417, Code 49, GS1 DataMatrix, MaxiCode, QR Code, TLC39, MicroPDF417, GS1 DataBar (RSS), Aztec Code</p> | | | | |
| 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 | <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> | | | | |
| Ribbon Types | Wax, Semi (Wax/Resin), Resin | | | | |
| Ribbon Size | <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> | | | | |
| Optional Accessories | <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

| | |
|----------------------------|--|
| 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 | <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 |
| Wireless Security | 802.11i, WEP 64/128bit, WPA-PSK/WPA2 (TKIP/AES), WPA2-Enterprise (EAP-FAST, PEAPv0, EAP-TLS, EAP-TLLS) |

¹ For the life of the product.

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

³ 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](#).

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

⁵ Shift & Print Subscription Service is subject to credit approval.

⁶ Additional purchase required.

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