

# Brother Titan Industrial Printer Series

## 4-inch Industrial Barcode & Label Printers



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

Introducing the new line of 4-inch industrial printers: Brother *Titan Industrial Printer* series. These compact high-volume label printers deliver the quality barcode labels you need with the support you want.

The Brother *Titan Industrial Printer* produces consistently crisp barcode labels at top speeds. Push the boundaries of what you can accomplish with refreshingly easy designed to drop-in integration 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.

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



- **Performance:** Produce quality, scannable barcodes at up to 10ips<sup>4</sup>, you can also scale up to 300dpi for visibly sharp resolutions.
- **Support:** Backed with an industry leading 2-year Premier Limited Warranty, even includes the printhead<sup>2</sup>, and responsive, lifetime<sup>3</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<sup>®</sup> 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> Printhead is covered up 2 years or 1 million linear inches, whichever comes first. For full details, contact your Brother Sales Representative or visit our Warranty Page.

<sup>3</sup> For the life of the product.

<sup>4</sup> Based on performance tests using Brother certified media, actual results may vary in actual applications.

### Tools and Software for Easy Integration

**BarTender**  
UltraLite label design software

**NiceLabel**   
Do more. Faster. With less.

	WiFi	USB	Ethernet	Serial	DPI	Speed	Direct Thermal	Thermal Transfer	Cutter/Peeler
TJ4021TN	Optional	●	●	●	203	10 ips max	●	●	Optional
TJ4121TN	Optional	●	●	●	300	7 ips max	●	●	Optional



Manufacturing



Warehousing



Transportation  
& Logistics



Retail  
Warehouse

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## Technical Specifications for the TJ4021TN and TJ4121TN

Base Model	TJ4021TN	TJ4121TN
Printing Technology	Thermal Transfer, Direct Thermal	
Media/Print Width	4.7" (120mm) / 4.21" (107mm)	4.7" (120mm) / 4.16" (105.7mm)
Print Head Resolution	203dpi x 203dpi (8 dots/mm)	300dpi x 300dpi (12 dots/mm)
Print Engine Speed	Up to 10ips (254mm/sec)	Up to 7ips (177.8mm/sec)
In Box Solution	Seagull BarTender UltraLite Design/Print Software Application, Brother Printer Management Software Tool	
OS Supported	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, Windows 10/8.1/7, Android™ v5.0 or Later, iOS v9.0 or Later	
Printer Languages	FBPL, ZPL II®, EPL2, DPL	
Control Panel	6 Keys/ 1 Status LED (3 Color), 3.5" HVGA Color Touch Screen Control Panel	
Standard Interfaces	Ethernet LAN (10/100Base-TX), USB 2.0, Host-USB, RS232C	
Optional Interfaces	Wi-Fi® WLAN (5GHz 802.11a/n and 2.4GHz 802.11b/g/n Infrastructure)	
Security Protocols	WLAN 802.11i, 802.1x WPA2-Enterprise (EAP-FAST, EAP-TTLS, EAP-TLS, PEAPv0)	
Wireless Security	WEP 64/128bit, WPA-PSK/WPA2 (TKIP/AES)	
Bluetooth Profiles	No Bluetooth Option	
Printer Memory	128MB Flash, 128 SDRAM	
Resident Barcodes	Linear: Code39, Code93, Code128, ITF, UPC-A/E, EAN8/13, GS1-128 (UCC/EAN-128), MSI/Plessey, Standard 2of5 (IATA), Industrial 2of5, Codabar (NW-7), ITF14, EAN14, POSTNET, LOGMARS, Code11, TELEPEN, PLANET, Deutsche Post Identcode, Deutsche Post Leitcode, China Post 2 Dimensional: PDF417/MicroPDF417, Data Matrix, Maxicode, QR Code, Aztec, GS1 DataBar (RSS), CODABLOCK F, Code49, TLC 39	
Real Time Clock	Standard	
Label Peeler	Optional with Rewinder (PA-LP-005)	
Automatic Cutter	Optional Guillotine Full Cutter (PA-CU-004)	
Audio Device	Standard	
Printer Sensors	Full Width Moveable Gap (Transmissive) and Black Mark (Reflective), Ribbon Encoder and Ribbon End, Head Open Peeler (Optional)	
Media Type	Roll or Fan-Fold / Die Cut or Continuous / Label and Tag	
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), Length (Peeler): 1" - 4.72" (25.4mm - 120mm) Width (Cutter): 0.79" - 4.49" (20mm - 114mm), Length (Tear, Cutter, 203dpi): 0.2" - 1,000" (5mm - 25,400mm), Length (Tear, Cutter, 300dpi): 0.2" - 450" (5mm - 11,430mm), Thickness: 2.36mil - 11mil (0.06mm - 0.28mm)	
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	4.33" (110mm) - 1.57" (40mm)	
Ribbon Take Up Core	4.33" (110mm) Width / 1" (25.4mm) ID (No Notch Required)	
Optional Accessories	Wi-Fi Interface (PA-WI-002), Label Peeler with Liner Rewinder (PA-LP-005), Automatic Cutter (PA-CU-004), 203dpi Print Head (TBD), 300dpi Print Head (TBD), Platen Roller (TBD)	
Carton Contents	Printer, Power Cord, USB Cable, Ribbon Take-Up Core, 3" Media Supply Core Adapter (2 pieces), Documentation	
Printer Size (w x h x l) /Weight	9.76" x 10.79" x 17.17" (248mm x 274mm x 436mm) / 20.7 lbs. (9.4 kg)	
Power Specifications	100 - 240VAC 50/60Hz 2.0A	
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	

## Brother Titan Industrial Printer Supplies, Accessories and Services



### Supplies

- Brother Premium labels rolls and ink ribbon types for all your applications.
- Custom options also available.



### Accessories

- We offer optional print heads, platen rollers, peeler, cutter and Wi-Fi interface.



### Extended Warranty Service

- Extend the useful life of your printer by adding an extended service program.

800-543-6144

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