



# Industrial printers built for you, and built to last

TJ-4020TN / TJ-4120TN / TJ-4021TN / TJ-4121TN Data Sheet



iOS

## Performance and durability you can rely on

The versatile TJ Series industrial label printer uses high capacity thermal transfer ink ribbons for durable labelling and ultimate productivity.

### Key Features:

- Various printer command languages supported, including ZPL2 emulation
- High capacity 450m ribbon to minimize downtime
- In-built durability for tough production environments
- Fast print speeds up to 10ips (254 mm/sec)
- LED indicators and touch panel displays available for a first-class user experience
- Flexible connectivity options with USB, USB Host, Serial, Ethernet and Wireless (optional)



## General

<b>Carton contents</b>	Power cord USB cable Documentation 1" ribbon paper core
<b>Language support</b>	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

## Dimensions & Weights

<b>Without carton</b>	<b>TJ-4020TN   TJ-4120TN:</b> 248(w) x 436(d) x 274(h)   9.2kg
	<b>TJ-4021TN   TJ-4121TN:</b> 248(w) x 436(d) x 274(h)   9.4kg

## Built In Features

<b>Printing Method</b>	Direct Thermal / Thermal Transfer
<b>Print Resolution</b>	<b>TJ-4020TN   TJ-4021TN:</b> 203dpi <b>TJ-4120TN   TJ-4121TN:</b> 300dpi
<b>Maximum print speed</b>	<b>TJ-4020TN   TJ-4021TN:</b> 254mm/sec <b>TJ-4120TN   TJ-4121TN:</b> 178mm/sec
<b>Maximum print width</b>	<b>TJ-4020TN   TJ-4021TN:</b> 107mm <b>TJ-4120TN   TJ-4121TN:</b> 105.7mm
<b>Minimum print length</b>	Continuous: 5mm Tear mode: 50 mm Peeler mode: 25.4mm Cutter mode: 25.4mm
<b>Maximum print length</b>	<b>TJ-4020TN   TJ-4021TN:</b> 25400mm <b>TJ-4120TN   TJ-4121TN:</b> 11430mm
<b>Minimum media width</b>	20mm
<b>Maximum media width</b>	Tear/Peeler mode: 120mm Cutter mode: 114mm
<b>Maximum roll diameter</b>	203mm
<b>Minimum roll core diameter</b>	25.4mm
<b>Maximum roll core diameter</b>	76.2mm
<b>Minimum ribbon width</b>	40mm
<b>Maximum ribbon width</b>	110mm
<b>Suggested paper core diameter</b>	1" paper core
<b>Inner paper core &amp; ribbon length</b>	1" paper core: Max. OD 81.3 mm, 450m long
<b>Interfaces</b>	USB Ver.2.0 (Full Speed) (Type B), USB Host Serial RS232C (DB9 female) Wired LAN 10/100BASE-TX Wi-Fi 802.11 a/b/g/n (module option)

<b>Control Panel</b>	<b>TJ-4020TN   TJ-4120TN:</b> 4 LED indicators, 1 status indicator and 2 buttons  <b>TJ-4021TN   TJ-4121TN:</b> 3.5-inch colour touch display and 6 button navigation
<b>Printer commands</b>	FBPL-EZD (EPL2,ZPL2,DPL)
<b>Internal fonts &amp; sizes</b>	8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
<b>Memory</b>	RAM: 128MB Flash: 128MB
<b>Internal Barcode</b>	<b>Linear:</b> Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Industrial 2 of 5, Code39, Code39 with check digit, Code93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, EAN14, Code11, TELEPEN, TELEPEN number, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS  <b>2-dimensional:</b> CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF417, TLC39
<b>Operating system support</b>	Microsoft® Windows® 8.1 / Windows® 10 Server 2012 / Server 2012R2 / Server 2016 / Server 2019  macOS 10.12.x, 10.13.x, 10.14.x 10.15  Ubuntu V11.04-16.04 / Fedora 24 / SUSE Linux Enterprise Server 12 / CentOS Linux 7.2 / Red Hat Enterprise 7.3
<b>Windows SDK</b>	Microsoft® Windows® 8.1 / Windows® 10 Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019
<b>Mobile SDK</b>	Android v5 – v10 iOS v9 – v13.2 Requires 3 <sup>rd</sup> party app development using Brother SDK, further information available at <a href="http://www.brother.eu/developer">www.brother.eu/developer</a>
<b>Software</b>	<b>BarTender Ultra Lite Edition:</b> Barcode label design software  <b>Brother Printer Management Tool:</b> Software to centrally manage devices for updating settings, firmware and other configurations. (Microsoft® / Windows® 8.1 / Windows® 10 only), Microsoft® Windows® Server 2012 / Server 2016 / Server 2019)

## Environmental

<b>Operating Temperature</b>	0°C to 40°C
<b>Operating Humidity</b>	25% to 85% non-condensing
<b>Storage Temperature</b>	-40°C to 60° C
<b>Storage Humidity</b>	10% to 90% non-condensing

## Supplies

<b>Roll type*</b>	<b>TBC</b>
<b>Ribbon type*</b>	<b>Standard Wax:</b> BWS-1D450-110: 110mm x 450m
	<b>Premium Wax:</b> BWP-1D450-110 – 110mm x 450m
	<b>Standard Wax/Resin:</b> BSS-1D450-110: 110mm x 450m
	<b>Premium Wax/Resin:</b> BSP-1D450-110: 110mm x 450m
	<b>Standard Resin:</b> BRS-1D450-110: 110mm x 450m
	<b>Premium Resin:</b> BRP-1D450-110: 110mm x 450m

## Optional Accessories (Dealer Option)

<b>Label Peeler (with liner rewinder)</b>	PA-LP-005
<b>Cutter</b>	PA-CU-004
<b>WLAN Interface (module) (User Option)</b>	PA-WI-002

\*For additional supplies information, please contact your local Brother office

*All specifications are correct at the time of printing and are subject to change without notice. Brother and the brother logo are both trademarks of Brother Industries, Ltd., registered in Japan and certain other countries. Any trade names, logos and product names of other companies appearing are trade names or trademarks of those respective companies.*

BIE Product Planning: Last updated 26/06/2020