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WEIGHT: 12.0 kgs
PIECE: 1 / 1

CONTENTS:
Label printers
& accessories

Industrial printers built for you and built to last

TJ-4020TN/TJ-4120TN/TJ-4021TN/TJ-4121TN datasheet

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 minimise downtime
 - Durable metal construction to withstand tough production environments
 - Fast print speeds up to 10ips (254mm/sec)
 - LED indicators and touch panel displays available for a first-class user experience
 - Connectivity as standard: USB, USB host, serial and ethernet. Wireless is optional



General

In the box	AC adapter power cord USB cable, documentation, 1" ribbon paper core
Language support	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

Dimensions and weights

Printer dimensions (mm)	TJ-4020TN TJ-4120TN: 248(w) x 436(d) x 274(h) 9.2kg TJ-4021TN TJ-4121TN: 248(w) x 436(d) x 274(h) 9.4kg
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Built-in features

Printing method	Direct thermal/thermal transfer
Print resolution	TJ-4020TN TJ-4021TN: 203dpi TJ-4120TN TJ-4121TN: 300dpi
Maximum print speed	TJ-4020TN TJ-4021TN: 254mm/sec, 10ips TJ-4120TN TJ-4121TN: 178mm/sec, 7ips
Maximum print width	TJ-4020TN TJ-4021TN: 107mm TJ-4120TN TJ-4121TN: 105.7mm
Minimum print length	Continuous: 5mm Tear mode: 50mm Peeler mode: 25.4mm Cutter mode: 25.4mm
Maximum print length	TJ-4020TN TJ-4021TN: 25,400mm TJ-4120TN TJ-4121TN: 11,430mm

Media

Minimum media width	20mm
Minimum media width	Tear/peeler mode: 120mm Cutter mode: 114mm
Maximum roll diameter	203mm
Minimum roll core diameter	25.4mm
Maximum roll core diameter	76.2mm
Minimum ribbon width	40mm
Maximum ribbon width	110mm
Suggested paper core diameter	1" paper core

Ribbon

Inner paper core and ribbon length	1" paper core: Max. OD 81.3 mm, 450m long (8")
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Connectivity

USB Ver.2.0 (Full Speed) (Type B),
USB host
Serial RS232C (DB9 female)
Wired LAN 10/100BASE-TX
WiFi 802.11 a/b/g/n (module option)

Control panel

TJ-4020TN | TJ-4120TN:
4 LED indicators, 1 status indicator
and 2 buttons

TJ-4021TN | TJ-4121TN:
3.5 inch colour touch display and 6
button navigation

Printer commands

FBPL-EZD (EPL2,ZPL2,DPL)

Internal fonts and sizes

8 alpha-numeric bitmap fonts for
FBPL monotype image® true type font
engine with one CG triumvirate bold
condensed scalable font

Memory

RAM: 128MB
Flash: 128MB

Software

Internal barcode	Linear: 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 2-dimensional: CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF417, TLC39
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Microsoft® Windows® 8.1/Windows® 10
Server 2012 / Server 2012R2/Server 2016/
Server 2019

Operating system support

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

Windows SDK

Microsoft® Windows® 8.1/Windows® 10
Microsoft® Windows® Server 2012/Server
2012R2/Server 2016/Server 2019

Mobile SDK

Android v5 – v10
iOS v9 – v13.2
Requires third party app development
using Brother SDK, further information
available at www.brother.eu/developer

Software

BarTender Ultra Lite Edition: Barcode
label design software

Brother Printer Management Tool:
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

Operating temperature	0°C to 40°C
Operating humidity	25% to 85% non-condensing
Storage temperature	-40°C to 60° C
Storage humidity	10% to 90% non-condensing

Supplies

Ribbon type	Standard wax: BWS-1D450-110: 110mm x 450m
	Premium wax: BWP-1D450-110: 110mm x 450m
	Standard wax/resin: BSS-1D450-110: 110mm x 450m
	Premium wax/resin: BSP-1D450-110: 110mm x 450m
	Standard resin: BRS-1D450-110: 110mm x 450m
	Premium resin: BRP-1D450-110: 110mm x 450m

Label type	Uncoated thermal transfer label: BUS-1J074102-203: 102x74mm (8" OD – 2940 labels/roll)
	Uncoated thermal transfer label: BUS-1J150102-203: 102x150mm (8" OD – 1500 labels/roll)
	Coated thermal transfer label: BCS-1J074102-203: 102x74mm (8" OD – 2900 labels/roll)
	Coated thermal transfer label: BCS-1J150102-203: 102x150mm (8" OD – 1440 label/roll)

Accessories (Reseller option)

Label peeler (with liner rewinder)	PA-LP-005
Cutter	PA-CU-004
WLAN interface (module)(user option)	PA-WI-002

*For additional supplies information, please contact your Brother account manager.

A Complete Solution
Printers - RFID - Software -
Accessories & Spares - Installation &
Training Supplies - Technical Support
& Maintenance -
Consultancy & Advice

