





Brother has been innovating and developing labelling machines for over 30 years, always with the focus of making processes more efficient.

Years of experience in labelling and print, developing products across a wide range of industries, has been channelled into our range of industrial label printers. The TJ series offers high-volume label printing and performance you can rely on.



# TJ industrial label printers



#### Performance and durability you can rely on

The TJ series has been designed to ensure minimal downtime and maximum productivity through fast print speeds, large ribbon capacity and in-built durability, making it perfect for tough production environments.

With stress-free integration and various connectivity options, these durable printers are ready to meet a wide range of requirements. By using the correct ribbon and label combination, users can print labels that will withstand extremes in moisture, durability and chemical resistance.

Always ready when you are, TJ printers can produce thousands of labels a day to meet peaks in demand - whatever the environment.

# Industrial label printers designed to meet your requirements

This high-performing range of industrial printers meets the needs of demanding labelling environments, with accessories and software compatibility to ensure we have a solution for your industry's challenges. What's more, you can rely on Brother to be "At your side" to support you every step of the way.

#### **Transportation and logistics**

Print easy-to-read text and barcodes, time after time, for your transport and warehouse labelling needs.

With high quality printed labels it's easy to maintain compliance throughout the supply chain.

- Shipping and receiving labels
- Pallet labels
- Product identification labels
- Compliance labels
- Order preparation and picking labels
- Order fulfilment
- Inventory management
- Hazchem labels

#### **Manufacturing**

Our high-volume label printers offer fast print speeds to keep up with the relentless pace of the production line.

Experience performance you can depend on with our easy-to-integrate label printers.

- Packing labels
- Product and parts labels
- Compliance and ratings labels
- Work in progress (WIP) labels



# Five year warranty as standard

Brother TJ printers are always "At your side" with our industry leading five year return-to-base warranty as standard.

Our experienced sales and technical support teams are also always on hand to ensure you have a print solution that meets your requirements.



#### Retail

Ensure a seamless customer experience with our industrial printers supporting your supply chain every step of the way, from product identification labels for sorting at fulfilment centres, through to shipping labels for delivery to the end customer.

- Shipping labels
- Returns labels
- Product labels
- Click and collect labels
- Inventory management

#### **Healthcare**

Brother offers a range of print solutions, from specimen labels through to medicine dosage labels.

Our industrial label printers provide efficient labelling solutions for the medical and pharmaceutical industries, built to meet demand while ensuring traceability.

- Laboratory and blood bank labelling
- Medicine labels
- Asset tracking
- Shipping labels



# Features that help get the job done

#### Integrate with ease

No need to worry about integration, Brother industrial printers support various printer command languages, including ZPL2 emulation.

#### Minimise downtime and save money

Save workers' time through easy media loading and fewer ribbon<sup>†</sup> replacements. Time saved can be spent focusing on the job and working more efficiently - saving money in the long-term.

#### In-built durability

The industrial-grade printers have been built to last with features such as a metal cover and frame, ensuring you enjoy years of hassle-free label printing, even in tough production environments.

#### **Maximise productivity**

Fast print speeds help you keep up with increasing demand, especially when scaling up for peak periods.

With an internal rewinder on selected models, you can also multi-task by sending your labels to print and collecting the ready printed label roll whenever required.

#### First-class user experience

A range of LED, LCD and touch panel displays are available for instant feedback, all designed with the user in mind, offering an easy-to-use interface for all your setup needs.

#### Connectivity as standard

Our comprehensive connectivity options offer USB, USB host, serial and ethernet. Wi-Fi and Bluetooth interfaces are also available as an add-on accessory\*.



TJ-4005DN



TJ-4020TN



TJ-4120TN



TJ-4021TN



TJ-4121TN



TJ-4420TN



TJ-4520TN



TJ-4422TN



TJ-4522TN

<sup>\*</sup> Purchased separately

<sup>&</sup>lt;sup>◊</sup> Excluding TJ-4005DN

# **TJ Series**

# brief summary

	TJ-4005DN	TJ-4020TN	TJ-4120TN	TJ-4021TN	TJ-4121TN	TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN
					TJ serie	S			
Printing									
Print technology	Direct thermal		Direct thermal an	d thermal transfer			Direct thermal an	d thermal transfer	
Print resolution	203dpi	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi	203dpi	300dpi
Print speed	6 ips (152mm/sec)	10 ips (254mm/sec)	7 ips (178mm/sec)	10 ips (254mm/sec)	7 ips (178mm/sec)	14 ips (356mm/sec)	12ips (305mm/sec)	14 ips (356mm/sec)	12ips (305mm/sec)
Maximum print width	107mm	107mm	105.7mm	107mm	105.7mm		104	mm	
Maximum print length	25400mm	25400mm	11430mm	25400mm	11430mm	25400mm	11430mm	25400mm	11430mm
Minimum print length			5mm				51	nm	
Media sensor type		Gap (transmissive), black mark (reflective), ribbon encoder (reflective), ribbon end (transmissive), black mark (reflective), head open (transmissive)  TJ-4005DN: gap (transmissive), black mark (reflective), head open (transmissive)  Gap transmissive (position adjustable), black mark reflective (position adjustable), head open transmissive, ribbon encoder reflective, ri			lective (position open transmissive, flective, ribbon end				
Media sensor location		Adjustable: gap, black mark, fixed: ribbon encoder, ribbon end, head open TJ-4005DN: adjustable: gap, black mark, fixed: head open				Adjustable: gap, black mark, fixed: ribbon encoder, ribbon end, head open			
Release mode			dard: continuous, tear Optional: peeled, cut	off		Standard: conti		Standard: conti	nuous, rewinding
Connectivity									
USB	•	•	•	•	•	•	•	•	•
USB host	•	•	•	•	•	•	•	•	•
Serial	•	•	•	•	•	•	•	•	•
Bluetooth (option)*						•	•	•	•
Wired LAN	•	•	•	•	•	•	•	•	•
Wireless LAN (option)	•	•	•	•	•	•	•	•	•
General									
Dimensions (mm)		248mm (W	/) x 274mm (H) x 43	36mm (D)		276mm (W) x 502r			x 412mm (H) mm (D)
Weight		9.2kg 9.4kg Peeler mode: 9.9kg Peeler mode: 10.1kg Cutter mode: 9.6kg Cutter mode: 9.8kg Gross weight: 11.2kg Gross weight: 11.4kg			15.3 Peeler mod Cutter mod	de: 16.4kg	18.9	3kg	
Control panel	4 intuitive icon indicators, 1 status indicator, 2 buttons (pause, feed)  3.5-inch colour touch display, 1 status indicator, 6 button navigation			LCD di 1 status i 6 button n	ndicator,	1 status	ch display, indicator, navigation		
Touch panel				•	•			•	•
Tear bar	•	•	•	•	•	•	•		
Operating system support	Windows, Linux, MAC, Android and iOS								
Supported command		FBPL	-EZD (EPL2,ZPL2,C	OPL)			FBPL-EZD (EPL2	2,ZPL2,DPL)	

 $<sup>^{\</sup>star}$  Bluetooth connectivity option is part of the same single module with Wireless LAN.



# TJ accessories and supplies

#### **Accessories**

#### PA-CU-004 \* Cutter

TJ-4005DN TJ-4020TN TJ-4120TN TJ-4021TN TJ-4121TN



#### PA-CU-005 \*

Cutter

TJ-4420TN TJ-4520TN



# PA-LP-005 \*

Peeler

TJ-4005DN TJ-4020TN TJ-4120TN TJ-4021TN TJ-4121TN



#### **PA-LP-006** \*

Peeler

TJ-4420TN TJ-4520TN





#### PA-WI-002

WLAN interface (Wi-Fi)

TJ-4005DN TJ-4020TN TJ-4120TN TJ-4021TN TJ-4121TN



#### PA-WB-001 Dual interface (Wi-Fi and Bluetooth)

TJ-4420TN TJ-4520TN TJ-4422TN TJ-4522TN



#### **BPA-HA2L-004** \*

Thermal print head (203 dpi)

TJ-4005DN TJ-4020TN TJ-4021TN

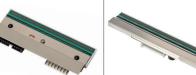


\* Dealer installable only

#### BPA-HA2M-004 \*

Thermal print head (203 dpi)

TJ-4420TN TJ-4422TN



#### **BPA-HA3L-004** \*

Thermal print head (300 dpi)

TJ-4120TN TJ-4121TN



#### **BPA-HA3M-004** \*

Thermal print head (300 dpi)

TJ-4520TN TJ-4522TN



## **BPA-PRL-004** \*

Platen roller

TJ-4005DN TJ-4020TN TJ-4120TN TJ-4021TN TJ-4121TN



#### **BPA-PRM-004** \*

Platen roller

TJ-4420TN TJ-4520TN TJ-4422TN TJ-4522TN



#### **Supplies**

Supplies	Part code	Description	Size	Compatible models
Labels	BUS-1J074102-203	Uncoated thermal transfer die cut labels	102mm x 74mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Labels	BUS-1J150102-203	Uncoated thermal transfer die cut labels	102mm x 150mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Labels	BCS-1J074102-203	Coated thermal transfer die cut labels	102mm x 74mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Labels	BCS-1J150102-203	Coated thermal transfer die cut labels	102mm x 150mm	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWS-1D450-110	Standard wax ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWS-1D600-110	Standard wax ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWP-1D450-110	Premium wax ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BWP-1D600-110	Premium wax ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSS-1D450-110	Standard wax/resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSS-1D600-110	Standard wax/resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSP-1D450-110	Premium wax/resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BSP-1D600-110	Premium wax/resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRS-1D450-110	Standard resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRS-1D600-110	Standard resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRP-1D450-110	Premium resin ribbon	110mm x 450m	TJ-4020TN, TJ-4021TN, TJ-4120TN, TJ-4121TN, TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN
Ribbon	BRP-1D600-110	Premium resin ribbon	110mm x 600m	TJ-4420TN, TJ-4520TN, TJ-4422TN, TJ-4522TN

# Software support features

Brother provides all the necessary tools required for software developers to integrate printing into their applications.

#### Label design software

Supplied as standard (via download), you can create your own custom labels with pixel precision by using these powerful software applications. Features include support for a variety of barcode protocols and advanced image dithering to print high quality grayscale images.

#### **Printer commands**

With support for ZPL2 emulation and a variety of additional printer command languages, developers can easily integrate printing into existing legacy systems (see specification tables for further details).

#### Software compatibility

With our TJ series, you have the ability to integrate into market-leading ERP systems and WMS platforms.

#### **Device management**

As most printer devices are either used remotely or away from the administrator, it is necessary to maintain control in the form of troubleshooting or updates. The Brother Printer Management Tool can accommodate this requirement, along with a variety of configuration tools and status reporting (Bluetooth connection mode not supported).

#### Software development kits (SDKs)

Brother can supply a selection of free-of-charge SDKs to give you an easy way of incorporating label printing directly from within your own software programs.

Available from: https://www.brother.co.jp/eng/dev/

Printer drivers are available for Windows OS. Software Development Kits (SDKs) can be provided to support Windows, Android and iOS operating systems.\*

<sup>\*</sup> Compatibility may vary dependent on model - check TJ series in detail pages for more information.









<b>TJ Series</b> in detail	TJ-4005DN	TJ-4020TN	TJ-4120TN	TJ-4021TN	TJ-4121TN
			TJ Series		

# Printing / Media

Print technology	Direct thermal	Direct thermal and thermal transfer				
Print resolution	203dpi	203dpi	300dpi	203dpi	300dpi	
Print speed	6ips (152mm/sec) Peeler mode: 3ips Cutter mode: 2 - 6ips	10ips (254mm/sec) Peeler mode: 3ips Cutter mode: 2 - 10ips	7ips (178mm/sec) Peeler mode: 3ips Cutter mode: 2 - 10ips	10ips (254mm/sec) Peeler mode: 3ips Cutter mode: 2 - 10ips	7ips (178mm/sec) Peeler mode: 3ips Cutter mode: 2 - 10ips	
Maximum print width	107mm	107mm	105.7mm	107mm	105.7mm	
Maximum print length	25400mm	25400mm	11430mm	25400mm	11430mm	
Minimum print length	Continuous: 5mm Tear mode: 50mm Peeler mode: 25.4mm Cutter mode: 25.4mm					
Media sensor type	Gap (transmissive), black mark (reflective), ribbon encoder (reflective), ribbon end (transmissive), head open (transmissive) TJ-4005DN: gap (transmissive), black mark (reflective), head open (transmissive)					
Media sensor location	Adjustable: gap, black mark fixed: ribbon encoder, ribbon end, head open TJ-4005DN: adjustable: gap, black mark fixed: head open					
Release mode	Standard: continuous, tear off Optional: peeled, cut					

#### Media and ribbon

Media types		Continuous, die-cut, black mark, fan-fold, notch				
Media thickness			0.06 - 0.28mm			
Media width	Tear mode and peeler mode: 20 - 120mm Cutter mode: 20 - 114mm					
Media length	Tear mode: 50mm - 25400mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50mm - 25400mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50mm - 11,430mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50mm - 25400mm Peeler mode: 25.4mm - 152.4mm	Tear mode: 50mm - 11,430mm Peeler mode: 25.4mm - 152.4mm	
Maximum media diameter	203.2mm (8 inch)					
Core diameter	25.4mm - 76.2mm (1 - 3 inch)					
Ribbon types	– Wax, wax resin, resin					
Ribbon width	-		40mm -	110mm		

## Connectivity

USB	USB 2.0 high speed			
USB host	Stand alone: USB keyboard, USB scanner Storage: USB pen drive, clone and setup			
Serial	RS-232 (Max. 115200 bps)			
Wired LAN	Ethernet 10/100 Mbps 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 LAN	Optional slot-in WLAN interface accessory			
Wireless LAN mode	Compliant to IEEE 802.11 a/b/g/n with dual band support Supports bandwidth in 5GHz: 20/40 MHz 802.11n Features: 802.11n HT20 Roaming without data lost in AP coverage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer			
Wireless LAN security	Open, WEP-Open, WPA-PSK/WPA2 (AES and TKIP) Supports 802.11i security WPA2-Enterprise: FAP-FAST FAP-TILS FAP-TILS PEAPVO			

TJ-4005DN	TJ-4020TN	TJ-4120TN	TJ-4021TN	TJ-4121TN
		TJ Series		

#### **Software**

Label editing software	BarTender UltraLite (download only)	
MAC printer driver	macOS 10.13x - 10.15x, macOS 11, macOS 12	
Linux printer driver	Supported 32-bit and 64-bit OS: Ubuntu V11.04-16.04, Fedora 24, SUSE Linux Enterprise Server 12, CentOS Linux 7.2, Red Hat Enterprise 7.3	
Windows printer driver	Supported 32-bit and 64-bit 0S: Windows 8.1, Windows 10, Windows 11, Server 2012 R2, Server 2016, Server 2019	
Setting tool	BPM (Brother Printer Management Tool) Windows 8.1, Windows 10, Windows 11, Windows Server 2012 R2, 2016, 2019 standard versions	
Windows SDK	Supported 32-bit and 64-bit 0S: Windows 8.1, Windows 10, Windows 11, Server 2012 R2, Server 2016, Server 2019	
Android SDK	Brother Print SDK for Android™ TYPE B Supported OS: V8 or later	
iOS SDK	Brother Print SDK for iPhone/iPad TYPE B Supported OS: V11 or later	
Supported command	FBPL-EZD (EPL2,ZPL2,DPL)	

#### General

Control panel	4 intuitive icon indicators, 1 status indicator, 2 buttons (pause, feed)		3.5-inch colour touch display, 1 status indicator, 6 button navigation		
Touch panel	-	-	•	•	
Tear bar	•	•	•	•	
Cutter (dealer installable)	Optional accessory				
Peeler (dealer installable)	Optional accessory				
Power supply	Internal universal switching power supply Input: AC 100-240V, 2A, 50 / 60Hz Output: DC24V, 3.75A, 90W				

#### Memory

SDRAM	128MB
FLASH	128MB

#### **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			

#### Weight and dimensions

Weight (without media)	9.2kg	9.4kg
Dimensions	248mm (W) x 274mm (H) x 436mm (D)	

#### **Included items**

In individual carton

Printer, AC power cord, documentation, USB cable, 1" ribbon paper core TJ-4005DN: printer, AC power cord, documentation, USB cable

TJ Series in detail	TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN
		T.I Sar	rias	

## Printing / Media

Print technology	Direct thermal and thermal transfer			
Print resolution	203dpi	300dpi	203dpi	300dpi
Print speed	14ips (356mm/sec) Peeler mode: Max. 4ips Cutter mode: 2 - 14ips	12ips (305mm/sec) Peeler mode: Max. 4ips Cutter mode: 2 - 12ips	14ips (356mm/sec)	12ips (305mm/sec)
Maximum print width	104mm			
Maximum print length	25.5m	11.43m	25.5m	11.43m
Minimum print length	Continuous: 5mm			
Media sensor type	Gap transmissive (position adjustable), black mark reflective (position adjustable), head open transmissive, ribbon encoder reflective, ribbon end transmissive ribbon encoder reflective, ribbon end transmissive near end		le), head open transmissive, bon end transmissive, media	
Media sensor location	Adjustable: gap, black mark Fixed: ribbon encoder, ribbon end, head open			
Release mode	Standard: continuous, tear off Optional: peeled, cut Standard: continuous, rewinding		nuous, rewinding	

#### Media and ribbon

Media types	Continuous, die-cut, black mark, fan-fold, notch, perforated, tag, care label Peeler mode: regular coated paper			
Media thickness	0.06 - 0.28mm			
Media width	20 - 114mm			
Media length	Tear mode: 5mm - 25,400mm Peeler mode: 12.7mm - 152mm Cutter mode: 25.4mm - 2,286mm	Tear mode: 5mm - 11,430mm Peeler mode: 12.7mm - 152mm Cutter mode: 25.4mm - 1,016mm	5mm - 25,400mm	5mm - 11,430mm
Max. media diameter	203.2mm			
Core diameter	38.1mm - 76.2mm			
Ribbon types	Wax, wax resin, resin			
Ribbon width	25.4mm - 114.3mm			

# Connectivity

USB	USB 2.0 high speed	
USB host	Stand alone: USB keyboard, USB scanner Storage: USB pen drive, clone and setup	
Serial	RS-232 (Max. 115,200 bps)	
Bluetooth	Optional slot-in Wi-Fi and Bluetooth dual interface accesssory	
Bluetooth profile	v4.2 SPP (Bluetooth classic), GATT (Bluetooth low energy)	
Wired LAN	Ethernet, 10/100 Mbps 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 LAN	Optional slot-in Wi-Fi and Bluetooth dual interface accessory	
Wireless LAN mode	Compliant to IEEE 802.11 a/b/g/n with dual band support Supports bandwidth in 5GHz: 20/40 MHz Roaming without data lost in AP coverage Protocols: IPv4, ARP, ICMP, UDP, TCP, RAW, DHCP Client, DHCP FQDN Option, Unicast DHCP Offer	
Wireless LAN security	Open, WEP-Open, WPA-PSK/WPA2 (AES and TKIP) Supports 802.11i security WPA2-Enterprise: EAP-FAST, EAP-TTLS, EAP-TLS, PEAPv0	

TJ-4420TN	TJ-4520TN	TJ-4422TN	TJ-4522TN	
TJ Series				

#### **Software**

Label editing software	BarTender UltraLite (download only)	
MAC printer driver	0S X 10.11.x, mac0S 10.12.x - 10.15.x	
Linux printer driver	Supported 32-bit and 64-bit OS: Ubuntu V11.04-16.04, Fedora 24, SUSE Linux Enterprise Server 12, CentOS Linux 7.2, Red Hat Enterprise 7.4	
Windows printer driver	Supported 32-bit and 64-bit 0S: Windows 7, Windows 8.1, Windows 10, Server 2012, Server 2012 R2, Server 2016, Server 2019	
Setting tool	BPM (Brother Printer Management Tool) Windows 7, Windows 8.1, Windows 10, Windows Server 2012, 2016, 2019 standard versions	
Windows SDK	Supported 32-bit and 64-bit OS: Windows 7, Windows 8.1, Windows 10, Server 2012, Server 2012 R2, Server 2016, Server 2019	
Android SDK	Brother Print SDK for Android™ TYPE B Supported OS: V5 — V10	
iOS SDK	Brother Print SDK for iPhone/iPad TYPE B Supported OS: V9-V13.2	
Supported command	FBPL-EZD (EPL2,ZPL2,DPL)	

#### **General**

Control panel	LCD display, 1 status indicator, 6 button navigation		Colour touch display, 1 status indicator, 6 button navigation	
Touch panel			•	•
Tear bar	•	•		
Cutter (reseller installable)	Optional accessory	Optional accessory		
Peeler (reseller nstallable)	Optional accessory	Optional accessory		
Internal rewinder			•	•
Power supply	Internal switching power supply Input: AC 100-240V, 4-2A, 50-60Hz			

Input: AC 100-240V, 4-2A, 50-60Hz
Output: DC 5V, 5A; DC 24V, 7A; DC 36V, 1.4A; Total 243W

#### Memory

SDRAM	256MB	
FLASH	512MB + (MicroSD Flash memory card reader or Flash memory expansion, up to 32GB)	

#### **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	

#### Weights and dimensions

Weight (without media)	15.35kg	18.93kg
Dimensions	276mm (W) x 326mm (H) x 502mm (D)	276mm (W) x 412mm (H) x 502mm (D)

#### **Included items**



Contact:

www.brother.co.uk

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