PJ-800
Series A4
Mobile Printers

Why Brother Mobile Printer?

Brother's PJ-800 series mobile printers offer a durable 'in the field' mobile printing solution for Sales, Service, Logistics, Public safety and Emergency services.

Equipped with Wi-Fi, USB and Bluetooth® wireless connection for a convenient link to Smartphones, tablets and laptops.

In today's modern business climate, companies are striving to differentiate themselves from intense competitions by investing in technologies which will help to increase productivity and improve customer satisfaction.

Mobile printers form an integral part of the overall mobile workforce, due to the several benefits they can offer to field workers to achieve their overall Return On Investment (ROI).

- A4 sized printing in a compact design
- Fast print speed of up to 13.5 pages per minute
- High quality print resolution of up to 300dpi
- Direct thermal printing with no ink or toner required
- Powered by Rechargeable Li-ion battery, AC power adapter or Vehicle power adapters
- Multiple connection methods available including Wi-Fi, USB and Bluetooth® wireless connection

Benefits of Printing on the go

- Increased efficiency, freedom and mobility
- Reduced office administration costs
- Increased customer confidence with on-site printouts
- Achieve greater accuracy with reduced human errors
- Valuable business tool for closing deals instantly

Ultra compact at only 26cm long only

Vertical markets and applications

Field Sales

Exceed customer expectations by using PJ-800 series mobile printer while on the move or on-site. Busy field sales professionals can print whatever is required at their customers' premises without having to commute back to their office to print their documents. This will give them more time to visit other customers.

Field Service

Mobile engineers can increase their efficiency and accuracy by printing hard copies of documents while on the move. This process will help to reduce errors.

Logistics & Deliveries

Equipped with a fast print speed, PJ-800 series mobile printer can help busy delivery drivers with hectic schedules print a wide range of documents while on the road, in their truck or at their customer's premises.

Public Services

PJ-800 series mobile printers have become increasingly popular in emergency services for a variety of applications.

With vehicle mounting kit and car charger, PJ-800 series mobile printers is an ideal in-vehicle solution for Police, Ambulance, and Fire brigade on a global scale.

By printing medical documents and penalty fines on demand, clerical errors can be reduced which can help to save officers and medical professionals save time.

Applications:

- Invoices
- Reports
- Quotations
- Contracts
- Terms & Conditions reports
- Financial Planning reports

Applications:

- Invoices
- Service reports
- Quotations
- Parts and labour reports
- Diagnostics reports

Applications:

- Invoices
- Order forms
- Delivery notes
- Stock data
- Guarantees

Applications:

- Citations and fines
- Patient reports
- Incident reports
- Warning notices

Thermal Printing Technology

Key decision-makers are increasingly considering mobile printers with thermal printing technology as a reliable solution for their field professionals.

PJ-800 series mobile printers use advanced direct thermal technology to produce an image by heating the specially coated thermal paper. When the paper passes over the thermal print head, the coating turns black in the areas where it is heated, thus producing an image.

With a small footprint that is lightweight and portable, PJ-800 series mobile printers can fit into any briefcase or laptop bag or mounted in vehicles or other workplaces.

A4 size document allows more detailed information to be reflected, such as invoices, service reports, delivery notes, etc.

A full range of accessories is also available to enhance mobility.

Direct thermal printing technology offers a reliable mobile printing solution.

Seamless connections with Wi-Fi, USB, Bluetooth® wireless technology with Smart devces.

Compact and lightweight with enhanced portability.

Uses A4 cut sheet paper or continuous paper rolls.

Simply tear the paper once printed.

Thermal printing is a realistic solution for mobile applications for a number of reasons below:

Busy mobile workers can focus on their job on hand without having to purchase ink, toner or ribbons.

No downtime will occur since no ink, toner, or ribbons are required and no replacement is needed.

Mobile printer can be mounted whenever required or carried around without risking any ink leakage or smudges.

Less susceptibility to fluctuating seasonal temperatures or humidity as compared with other mobile technologies.

Software support and features

Brother can provide the necessary tools for software developers to integrate their print functions into their mobile apps.

Printer drivers are available for Windows® OS, and Software Development Kit (SDK) can be provided to support Apple® iOS®, Android™, and applications.

Brother b-PAC Software Development Kit (SDK):
https://support.brother.com/g/s/es/dev/en/mobilesdk/download/index.html?c=eu_ot&lang=en&navi=offall&comple=on&redirect=on

Choice of power options including Rechargeable Li-ion battery, AC Power adapters or vehicle Power adapters.

Durable and dependable, PJ-800 series mobile printers are designed to cater to several environments.

More features include

- Basic Imaging Protocol (BIP) support the downloading and printing of JPEG files.
- The ability to store document overlays in the mobile printer which minimise data transfers.
- Fully featured design software for creating and downloading the document overlays.
- ZPL II emulation along with other printer command languages offers compatibility with a variety of embedded systems.

Step 1: Select the Mobile Printer

Model Comparison	PJ-822	PJ-823	PJ-862	PJ-863	PJ-883
USB Type-C	✓	✓	✓	✓	✓
Bluetooth® wireless interface			✓	✓	✓
Wi-Fi (Wireless Direct, Infrastructure, Ad-hoc)					✓
203 dpi x 200 dpi print resolution	✓		✓		
300 dpi x 300 dpi print resolution		✓		✓	✓
Template download, printing mode	✓	✓	✓	✓	✓
ESC/P and Brother command modes including ZPL II emulation	✓	✓	✓	✓	✓
MFi®			✓	✓	✓

Step 2: Select the Power Options

PA-BT-002

Rechargeable Li-ion battery

PA-AD-600A EU

AC Power adapter

PA-AD-600A UK

AC Power adapter

PA-CD-600CG

12V Car adapter
(cigarette socket)

PA-CD-600WR

12V Car adapter
(permanently wired)

PA-AD-003 EU

AC Power adapter
for USB Type-C (EU)*

PA-AD-003 UK

AC Power adapter
for USB Type-C (UK)*

* For charging only

Step 3: Choose the Accessories Options

PA-RH-600

Paper roll holder

PA-RB-001

Protective cover

PA-RC-001

Roll printer case

PA-CC-500

Carrying case

PA-CM-500

Car mounting kit

PA-PG-003

Paper guide for
USB models only

PA-PG-004

Paper guide for
models with WiFi and
Bluetooth® wireless technology

Step 4: Choose the Paper Options

PA-R-411

A4 paper roll
(6 rolls per box)

PA-C-411

A4 cut sheet paper
(100 sheets)

Specification

	PJ-822	PJ-823	PJ-862	PJ-863	PJ-883
PRINTING					
Print technology	Direct thermal				
Print resolution	203dpi	300dpi	203dpi	300dpi	300dpi
Print speed	13.5ppm	13.5ppm	13.5ppm	13.5ppm	13.5ppm
Print width (maximum)	203.2mm	203.2mm	203.2mm	203.2mm	203.2mm
Print length (minimum)	279.4mm	279.4mm	279.4mm	279.4mm	279.4mm
MEDIA					
Media sizes	A4, A5, letter, legal, continuous				
Media types	Paper and Synthetic Full-page: Cut Sheet, Continuous Roll, Perforated Roll, Fan-Fold Labels: Cut Sheet, Fan-Fold				
Media thickness	0.16mm or less				
Media width (minimum)	Cut sheet paper: 148mm (A5), Roll paper: 210mm (A4)				
Media width (maximum)	Cut sheet paper: 215.9mm (Letter, Legal), Roll paper: 215.9mm (Letter, Legal)				
CONNECTIVITY					
USB	USB version 2.0 (Full Speed) (Type-C)				
Bluetooth® wireless technology	N/A		Bluetooth® Dual-Mode		
Bluetooth® profile	N/A		SPP, OPP, HCRP (Bluetooth® Classic), GATT (Bluetooth® Low Energy), iAP		
Wi-Fi	**PJ-883 ONLY** - Infrastructure Mode: Wireless LAN (5GHz) IEEE 802.11 a/n, 802.11i, 802.11r, WPS 2.0 Infrastructure Mode: Wireless LAN (2.4GHz) IEEE 802.11 b/g/n, 802.11i, 802.11r, WPS 2.0 Wireless Direct mode: IEEE 802.11 g/n, 802.11d, 802.11i				
Wi-Fi security	**PJ-883 ONLY -** Authentic method (encryption scheme) * Infrastructure mode Open system (None/WEP64/WEP128), Common key authentication (WEP) WPA/WPA2-PSK/WPA3-SAE (TKIP+AES), WPA3-SAE (AES), EAP-FAST (TKIP/AES), PEAP (TKIP/AES), EAP-TLS (TKIP/AES), EAP-TTLS (TKIP/AES) TLS 1.0/1.1/1.2/1.3 Authentic method (encryption scheme) * Wireless direct mode, WPA2-PSK (AES), WPS (Wi-Fi Protected Setup) 802.11i				
MFi® support	N/A		Yes		Yes
AirPrint® / Mopria™	N/A		N/A		Yes
Wireless Direct	N/A		N/A		Yes
NFC	N/A		Yes (for pairing - Andriod™ only)		
GENERAL					
Control panel	3 LED with 2 buttons		4 LED with 3 buttons		
POWER					
Supply for printing	Rechargeable Li-ion Battery (PA-BT-002), AC Power Adapter (PA-AD-600A), DC Vehicle Adapter (PA-CD-600CG, PA-CG-600WR)				
Battery charging option	AC Power Adapter (PA-AD-600A), DC Vehicle Adapter (PA-CD-600CG, PA-CD-600WR), USB Type-C (PA-AD-003)				
Battery capacity	1,750 mAh				
Battery yield	Approximately 600 sheets (Under Brother standard environment)				
Charging time	2 hours with AC Power Adapter (PA-AD-600A), 2 hours with DC Vehicle Adapter (PA-CD-600CG, PA-CD-600WR) 2 hours with USB Type-C Adapter (PA-AD-003) at normal temperature condition				
MEMORY					
RAM	256MB				
Flash	64MB (User area: 30MB)				
ENVIRONMENTAL					
Operating temperature	Printing with Battery, Car Adapter: -10°C to 50°C Printing with AC Power Adapter: -10°C to 40°C Charging: 0°C to 40°C / 32°F to 104°F				
Operating humidity	20% to 80%, non-condensing				
Storage temperature	-20°C to 60°C				
Storage humidity	10% to 90%, non-condensing				
WEIGHTS & DIMENSIONS					
Dimensions	255mm (W) x 55mm (D) x 30mm (H)				
Weight	610g with battery (optional) 480g with dummy battery 430g without battery				

Specification

	PJ-822	PJ-823	PJ-862	PJ-863	PJ-883
SOFTWARE					
Operating system support	Microsoft® Windows® Microsoft® Windows® Server® macOS® Linux Red Hat and Debian				
Mobile OS	Apple® iOS®, Android™ * Supports Bluetooth® wireless technology For the latest information, refer to the developer's website.				
Supported commands	Raster graphic, ESC/P Legacy (ESC/P_P), ESC/P Brother (ESC/P_B), P-touch Template, ZPL II emulation				
Barcode symbologies	Linear (1 dimensional barcode symbologies) <Common> CODE39, ITF (I-2/5), EAN-8 (JAN8), EAN-13 (JAN13), UPC-A, UPC-E, CODABAR (NW-7), CODE128, GS1-128 (UCC/EAN-128), POSTNET, GS1 DataBar (RSS) <Additional ESC/P mode> CODE93, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode <Additional P-touch Template mode> Intelligent Mail Barcode <Additional ZPL II mode> CODE93, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode, Industrial 2-of-5, Standard 2-of-5 2D (2 dimensional barcode symbologies) <Common> QR Code, PDF417, MaxiCode, Aztec <Additional ESC/P mode> Micro QR Code, MicroPDF417, DataMatrix <Additional P-touch Template mode> GS1 Databar Composite, Micro QR Code, MicroPDF417, DataMatrix <Additional ZPL II mode> GS1 Databar Composite, MicroPDF417, DataMatrix * Supported barcodes depend on printer command. Please refer to the command reference for more details.				
Internal fonts	<ESC/P> Bitmap font: Gothic (16, 24, 32 dots), Letter Gothic Bold, Helsinki (16, 24, 32, 48 dots), Brussel, San Diego, Broughham (24, 32, 48 dots) Outline font: Gothic, Letter Gothic, Helsinki, Brussel (Maximum: 400 dots) <P-touch Template> Outline font: Gothic, Letter Gothic, Helsinki, Brussel (Maximum: 400 dots) <ZPL II emulation> Bitmap font: "A","B","C","D","E","F","G","H" Outline font: "0"				
PACKAGE CONTENT					
Inside in box	PJ-800 series mobile printer, USB Cable (Type-A, Type-C) for data communication instead of charging, Quick Start Guide, Cleaning Sheet.				

Models availability differ by country. Please contact your local Brother Sales office for the models available.

brother
at your side