

RJ-4255WB

4-Inch Mobile Label and Receipt Printer



Built for demanding environments, the RJ-4255WB mobile printer delivers fast, reliable 4-inch label and receipt printing for busy workforces. Its rugged (IP54 Certified) design withstands drops up to 2m, while the durable elastomer covering helps protect against bumps, drops and impacts in tough working conditions. With AirPrint, USB-C, Wi-Fi, MFi and Bluetooth wireless

connectivity, it supports fast, stable on-site printing without the need to download or install printer drivers. A long-lasting rechargeable Li-ion battery, illuminated LCD screen and intuitive menu options help keep operations moving, while flexible integration and customisable accessories make it ideal for a wide range of industry applications.

General	
Engine	Direct Thermal
Buttons	Power, Back, OK/Feed, Menu
Drop Protection	Drop protection to 2.1m to concrete IP54 certified for dust and water
Display	
Display Type	Mono LCD with Back light 40.5 x 13.6mm, 1 LED/4 buttons
Printer	
Standard Memory	256 MB RAM; 64 MB Flash (standard)
Print Speed	Max: 5ips or 127mm/sec (under Brother standard environment)
Printer Resolution	203 dpi
Media Size General	Media Width: 245mm to 114mm(W) Media Length: 12mm to 3000mm(L) - Continuous Media Length: 18mm to 1000mm(L) - Die-Cut Max Dia: Up to 58mm dia roll Thickness of Receipt: 0.058mm to 0.090mm Thickness of Label: 0.080mm to 0.170mm Thickness of Tag: 0.090mm to 0.135mm Core Dia of Receipt: 12.7mm Core Dia of Label: 25.4mm
Standard Paper Capacity	Non-coated thermal paper, Coated thermal paper, Direct Thermal die cut labels, Tags, Receipts
Media Sensor Type	Transmissive/Gap, Reflective/Bar
Barcodes	P-touch Template Liner mode: CODABAR (NW-7), CODE 39, CODE 128, EAN-8(JAN8), EAN-13(JAN13), GS1-128(UCC/EAN 128), GS1 Databar (Omni, Truncated, Stacked, Stacked Omni, Limited, Expanded), Intelligent Mail Barcode, ITF(I-2/5), POSTNET, UPC-A, UPC-E P-touch Template 2 dimensional Code mode: Aztec, Data Matrix (ECC200 Square, ECC200 Rectangular), Maxicode, PDF417 (Standard, Truncate, MicroPDF417), QR Code (model 1, model 2, micro QR) ESC/P Liner mode: CODABAR (NW-7), CODE 39, CODE93, CODE 128, EAN-8(JAN8), EAN-13(JAN13), GS1-128(UCC/EAN 128), GS1 Databar(Omni, Truncated, Stacked, Stacked Omni, Limited, Expanded, Expanded Stacked), ITF(I-2/5), MSI, POSTNET, UPC and EAN 2 or 5 digit extensions, UPC-A, UPC-E ESC/P 2 dimensional Code mode: Aztec, Data Matrix (ECC200 Square, ECC200 Rectangular), Maxicode, PDF417 (Standard, Truncate, MicroPDF417), QR Code (model 1, model 2, micro QR)
Print Area	
Emulation	Max:104mm wide x (Max:3m, Min:12mm)length Raster, ESC/P, PTouch template, ZPLII, CPCL, EPL, DPL
Fonts	ESC/P: Bitmap font: LetterGothicBold: 16,24,32,48dot, Helsinki: 16,24,32,48dot, Brussels: 24,32,48dot, SanDiego: 24,32,48dot, Brougham: 24,32,48dot Gothic: 16,24,32dot ESC/P: Outline font: LetterGothicRegular: 1 dots - 400 dots, Helsinki: 1 dots - 400 dots, Brussels: 1 dots - 400 dots, Gothic: 1 dots - 400 dots P-touch Template: Outline font: LetterGothicRegular: 1 dots - 400 dots, Helsinki: 1 dots - 400 dots, Brussels: 1 dots - 400 dots, Gothic: 1 dots - 400 dots
Connectivity	
Interface	USB 2.0 Full Speed (Type C), Wireless 2.4GHz IEEE 802.11b/g/n, 5.0GHz (IEEE 802.11a/n), IEEE 802.11g/n (Wireless direct), Bluetooth Dual-Mode, MFi, NFC
USB Interface	USB 2.0 Full Speed (Type C)
Bluetooth	Bluetooth Dual-Mode Classic: SPP(Serial Port Profile)/ OPP(Object Push Profile)/ HCRP(Hard Copy Cable Replacement Profile) Low Energy: GATT
NFC	Yes (Tag)
Networking	
Wi-Fi Direct	Yes - Up to 2 Connections
Wireless Interface	2.4GHz IEEE 802.11b/g/n (Infrastructure Mode), 5.0GHz (IEEE 802.11a/n), IEEE 802.11g/n (Wireless direct)
Wireless Security	Ad Hoc Mode: N/A Infrastructure Mode: <Personal mode> Open System (None, WEP 64/128 bit), Common Key Authentication(WEP 64/128 bit), WPA/WPA2-PSK/ WPA3-SAE (TKIP+AES, AES), WPA3-SAE (AES) <Enterprise mode> EAP-FAST(TKIP+AES, AES), PEAP(TKIP+AES, AES), EAP-TLS (TKIP+AES, AES), EAP-TTLS (TKIP+AES, AES) Wireless direct Mode: WPA2-PSK (AES)
MFi	Yes via Bluetooth
Network Management	BrAdmin Pro 4, SOTI Connect

Mobile / Web Printing		Environment	
AirPrint	Yes	Humidity	Operating Humidity:10% to 90% non-condensing Storage Humidity:10% to 95% non-condensing
Mobile Deploy	iOS / Android	Temperature	Operating Temperature: Battery: From -15°C to 50°C, AC adapter (Optional): From -10°C to 40°C, Car adapter (Optional): From -10°C to 50°C Charging Temperature: 0 to 40degC Storage Temperature: -20 to 60degC
Mobile Transfer Express	iOS / Android		
Android Print Service Plugin	Yes		
Software Development Kit	Windows 7 /8 /8.1/ 10/ 11 Android 4.0.3 or later IOS 7.0 or later		
Mobile Applications	Mobile Transfer Express, Mobile Deploy, Print Service Plugin, Print SDK Demo, Smooth Print		
Software		Consumable	
Seagull Printer Driver	Yes	Consumables	RD Rolls, Custom rolls (receipt, pre print, fanfold)
Printer OS Compatibility	Windows 11, Windows 10 (32&64bit) Linux deb, rpm	Power Supply	
Template Transfer to Machine	Yes (also ZPLII via template)	AC Adapter	AC Adapter/charger (PA-AD-600A) - Not Included
Options		Battery Life	3,000mAh capacity, Continuously Printing 10,000 labels (102mm x 29mm), Approx 300 cycles 3 hours to recharge using Type-C charger
Optional Power	Rechargeable Li-ion smart battery:7.2V, 3.00 Ahr min (PA-BT-006) Recharging the Battery Using: AC Adapter/charger (PA-AD-600A) AC Adapter/charger USB PD Type-C (PA-AD-003) Battery Charger (PA-BC-003) - Connectable with up to 4 units with one AC Adapter Car Adapter, Wired, 15inch (PA-CD-600WR) Car Adapter, CigPlug, 10inch (PA-CD-600CG)	Auto Power Off	AC Adapter : Off, 10min~12hours (Default: 60min) Li-ion Batteries : Off, 10min~12hours (Default: 60min)
Optional Other	Linerless platen kit (PA-LPR-001) Shoulder strap (PA-SS-4000)	Weight and Measures	
Optional Car Mount	Cradle type charger/mount (PA-CR-002A) (power wiring/adaptor is needed)	Size	153(W) x 159(D) x 68(H)mm
Optional Desktop Caddy	Cradle type charger/mount (PA-CR-002A) (power wiring/adaptor is needed)	Weight	850g including battery 720g without battery
Optional Carry Case	Shoulder strap (PA-SS-4000)	Size With carton	187(W) x 121(D) x 246(H)mm
		Weight With Carton	1.32 kg
		Others	
		Carton Contents	Machine, Quick Set up Guide, Belt Clip, Lithium-ion Battery, Roll Holders (25.4, 12.7, 19mm)
		Warranty	1 Year Return To Base



Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.

www.brotherearth.com

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¹Based on performance tests using Brother certified media, actual results may vary by application.



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