

RJ-3255WB

3-Inch Mobile Label and Receipt Printer



The RJ-3255WB produces high-quality direct thermal labels and receipts up to 3 inches in width, with print speeds of up to 5 inches per second - making it perfect for a wide range of applications. Experience enhanced durability with its rugged design, featuring an elastomer covering that helps protect against bumps, drops or collisions. Drop tested up to 2m (IP54 certified), you can be confident the RJ-3255B will

continue to work - even in the toughest conditions. With a host of features including a smart battery as standard, USB-C, AirPrint, Wi-Fi, MFi and Bluetooth connectivity, a wide range of accessory options and a 12-month return-to-base warranty, the RJ-3255WB delivers a fit-for-purpose mobile print solution for busy workforces.

General	
Engine	Direct Thermal
Buttons	Power, Back, OK/Feed, Menu
Drop Protection	Drop protection to 2.0m to concrete IP54 certified for dust and water
Display	
Display Type	Mono LCD with Back light 45.3 x 15.8mm, 1 LED/4 buttons
Printer	
Standard Memory	256 MB RAM; 106 MB Flash (standard)
Print Speed	Max: 5ips or 127mm/sec (under Brother standard environment)
Printer Resolution	203 dpi
Media Size General	Media Width: 25.4mm to 80mm(W) Media Length: 12mm to 3000mm(L) - Continuous Media Length: 18mm to 1000mm(L) - Die-Cut Max Dia: Up to 66mm dia roll Thickness of Receipt: 0.058mm to 0.090mm Thickness of Label: 0.080mm to 0.170mm Thickness of Tag: 0.090mm to 0.140mm 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
Print Area	Max: 72mm wide x (Max: 3m, Min: 12mm) length
Label Peeler	Optional Label Peeler (PA-LP-007)
Emulation	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

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)	
Connectivity	
Interface	USB 2.0 Full Speed (Type C), 10/100 Mbps Ethernet support (via optional docking cradle), 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
Wired Interface	10/100 Mbps Ethernet support (via optional docking cradle)
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)	Optional Other	Label Peeler (PA-LP-007) Ethernet Single bay Cradle (PA-CR-005) Ethernet 4-bay Cradle (PA-4CR-003) Linerless platen kit (PA-LPR-004) Shoulder strap (PA-SS-4000)
MFi	Yes via Bluetooth	Optional Car Mount	Cradle type charger/mount(PA-CR-005) (power wiring/ adaptor is needed)
Network Management	BrAdmin Pro 4, SOTI Connect	Optional Desktop Caddy	Charging cradle (PA-CR-005)
Mobile / Web Printing		Optional Carry Case	Shoulder strap (PA-SS-4000)
AirPrint	Yes	Environment	
Mobile Deploy	iOS / Android	Humidity	Operating Humidity:10% to 90% non-condensing Storage Humidity:10% to 95% non-condensing
Mobile Transfer Express	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
Android Print Service Plugin	Yes	Consumable	
Software Development Kit	Windows 7 /8 /8.1/ 10/ 11 Android 4.0.3 or later IOS 7.0 or later	Consumables	RD Rolls, Custom rolls (receipt, pre print, fanfold)
Mobile Applications	Mobile Transfer Express, Mobile Deploy, Print Service Plugin, Print SDK Demo, Smooth Print	Power Supply	
Software		AC Adapter	AC Adapter/charger (PA-AD-600A) - Not Included
Seagull Printer Driver	Yes	Battery Life	3,000mAh capacity, Continuously Printing 15,000 labels (76mm x 29mm), Approx 300 cycles 3 hours to recharge using Type-C charger
Remote Update	Yes via FTP server	Auto Power Off	AC Adapter : Off, 10min~12hours (Default: 60min) Li-ion Batteries : Off, 10min~12hours (Default: 60min)
Printer OS Compatibility	Windows 11, Windows 10 (32&64bit) Linux deb, rpm	Weight and Measures	
Template Transfer to Machine	Yes (also ZPLII via template)	Size	117(W) x 77(D) x 180(H)mm
Options		Weight	810g including battery 680g without battery
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)	Size With carton	187(W) x 121(D) x 246(H)mm
		Weight With Carton	1.26 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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