

RJ-2000 Series Datasheet

	RJ-2030	RJ-2050	RJ-2140	RJ-2150
Printing / Media specifications				
Printing technology	Direct thermal			
Print resolution	203dpi			
Print speed	Maximum 152mm/second (6ips) (using Brother standard test environment)			
Maximum print width	54mm (receipt)		51mm (labels) / 54mm (receipt)	
Maximum print length	1 metre			
Media sensor type	Reflective		Transmissive / Reflective	
Tear bar	Yes	Yes	Yes	Yes
Media types	Receipt paper	Receipt paper	Label rolls / Receipt paper	Label rolls / Receipt paper
Receipt width	58mm max	58mm max	58mm max	58mm max
Receipt paper thickness	2.3-3.5 mils (0.058-0.090mm)	2.3-3.5 mils (0.058-0.090mm)	2.3-3.5 mils (0.058-0.090mm)	2.3-3.5 mils (0.058-0.090mm)
Label width	-	-	55mm	55mm
Label thickness	-	-	3.1-6.7 mils (0.080-0.170mm)	3.1-6.7 mils (0.080-0.170mm)
Roll diameter	40mm max	40mm max	60mm max	60mm max
Core diameter	10.2mm min	10.2mm min	10.2mm min	10.2mm min
LCD				
Type	Backlit monochrome LCD			
Connectivity				
USB	USB version 2.0 full-speed (mini-B connector)			
USB host capability	-	-	-	-
Bluetooth	Bluetooth 2.1+EDR	Bluetooth 2.1+EDR	-	Bluetooth 2.1+EDR
Bluetooth profiles	SPP(Serial Port Profile) OPP(Object Push Profile) BIP(Basic Imaging Profile) HCRP(Hard Copy Cable Replacement Profile)	SPP(Serial Port Profile) OPP(Object Push Profile) BIP(Basic Imaging Profile) HCRP(Hard Copy Cable Replacement Profile)	-	SPP(Serial Port Profile) OPP(Object Push Profile) BIP(Basic Imaging Profile) HCRP(Hard Copy Cable Replacement Profile) iAP supported
MFi support	No	Yes	-	Yes
Wireless LAN	-	IEEE802.11b/g/n Infrastructure mode: [b/g/n] Adhoc mode: [b/g/n] Wireless direct mode: [g/n]	IEEE802.11b/g/n Infrastructure mode: [b/g/n] Adhoc mode: [b/g/n] Wireless direct mode: [g/n]	IEEE802.11b/g/n Infrastructure mode: [b/g/n] Adhoc mode: [b/g/n] Wireless direct mode: [g/n]
Wireless LAN security (AdHoc mode)	-	None/WEP	None/WEP	None/WEP
Wireless LAN security (Infrastructure mode)	-	None/WEP64/WEP128 Common key authentication (WEP) WPA/WPA2-PSK (TKIP+AES) LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) *3 EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)	None/WEP64/WEP128 Common key authentication (WEP) WPA/WPA2-PSK (TKIP+AES) LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) *3 EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)	None/WEP64/WEP128 Common key authentication (WEP) WPA/WPA2-PSK (TKIP+AES) LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) *3 EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)
Wireless LAN security (Wireless direct mode)	-	WPA2-PSK (AES)	WPA2-PSK (AES)	WPA2-PSK (AES)

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Software / Firmware				
Operating system support	Microsoft® Windows Vista® / Windows® 7 / Windows® 8 Windows® 8.1 / Windows® 10 Android 4.0.3 or higher (SDK) iOS 6 or higher (SDK) (visit http://support.brother.com for latest OS support)			
Microsoft® WHQL certified drivers	Yes	Yes	Yes	Yes
SDK availability (visit http://www.brother.eu/developer)	Android 4.0.3 or higher iOS 6 or higher	Android 4.0.3 or higher iOS 6 or higher	Android 4.0.3 or higher iOS 6 or higher	Android 4.0.3 or higher iOS 6 or higher
Supported printer commands	ZPLII emulation CPCL emulation ESC/P P-touch Template Raster	ZPLII emulation CPCL emulation ESC/P P-touch Template Raster	ZPLII emulation CPCL emulation ESC/P P-touch Template Raster	ZPLII emulation CPCL emulation ESC/P P-touch Template Raster
Barcode symbologies	CODE39 / ITF(I-2/5) / EAN-13 / EAN-8 / UPC-A / UPC-E / CODABAR / CODE128 / GS1-128(UCC/EAN-128) RSS symbols / CODE93 / POSTNET / UPC/EAN EXTENSION / MSI / QR Code (model 1, model 2, micro QR) PDF417 (Standard, Truncate, MicroPDF417) / Data Matrix(ECC200 Square, ECC200 Rectangular) / MaxiCode / Aztec			
Internal fonts	<ESC/P commands> Bitmap fonts: Gothic, Letter Gothic Bold, Helsinki Font sizes: 16, 24, 32 dots Outline fonts: Gothic, Letter Gothic Bold, Helsinki Font sizes: 400 dots (maximum) <P-touch Template commands> Outline fonts: Gothic, Letter Gothic Bold, Helsinki Font sizes: 400dots (maximum)			
Memory				
RAM	32MB	32MB	32MB	32MB
Flash	32MB	32MB	32MB	32MB
Environmental				
Drop protection	2.5 metres - multiple drops (under Brother standard environment)			
Sealing	IP54	IP54	IP54	IP54
Operating temperature	Operating: -10C to +50C / Charging: 0C to +40C			
Operating humidity	10%-90% / Maximum web bulb: +27C (no condensation)			
Storage temperature	-20C to +60C for 120 hours maximum			
Storage humidity	+45C @ 95% for 120 hours maximum			
Power				
Battery	Rechargeable Li-ion (7.2V)			
AC adapter (optional accessory)	110/220V AC (50/60Hz) to 15V DC (only for charging)			
Car adapter (optional accessory)	12V DC (only for charging)			
Weights/Dimensions				
Dimensions	122(w) x 57(h) x 100(d) mm	122(w) x 57(h) x 100(d) mm	157(w) x 73(h) x 100(d) mm	157(w) x 73(h) x 100(d) mm
Weight (including battery)	465g	465g	545g	545g
Included items				
	Printer Li-ion battery Belt clip Documentation	Printer Li-ion battery Belt clip Documentation	Printer Li-ion battery Belt clip Documentation	Printer Li-ion battery Belt clip Documentation