

RJ-2000 Series Datasheet

	RJ-2030	RJ-2050	RJ-2140	RJ-2150
Printing / Media				
Printing technology	Direct thermal			
Print resolution	203dpi			
Print speed *	Maximum 152mm/second (6ips)			
Maximum print width	54mm (receipt)		51mm (labels) / 54mm (receipt)	
Maximum print length	1 metre			
Media sensor type	Reflective		Transmissive / Reflective	
Tear bar	Yes			
Media types	Receipt paper	Receipt paper	Label rolls / Receipt paper	
Receipt width	58mm max			
Receipt paper thickness	2.3-3.5 mils (0.058-0.090mm)			
Label width	-	-	55mm	
Label thickness	-	-	3.1-6.7 mils (0.080-0.170mm)	
Roll diameter	40mm max		60mm max	
Core diameter	10.2mm minimum			
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 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) iAP supported
MFi support	-	Yes	-	Yes
Wireless LAN	-	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) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)		
Wireless LAN security (Wireless direct mode)	-	WPA2-PSK (AES)		

* Brother standard test environment

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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			
SDK availability (visit http://www.brother.eu/developer)	B-PAC (for Windows) Brother Print SDK for Android™	B-PAC (for Windows) Brother Print SDK for Android™ Brother Print SDK for iPhone/iPad (iOS)		
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			
Flash	32MB (12MB available for template upload)			
Environmental				
Drop protection*	2.5 metres			
Sealing	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			
Storage humidity	+45C @ 95%			
Power				
Battery	Rechargeable Li-ion (7.2V)			
AC adapter (optional accessory)	100/240V 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		151(w) x 73(h) x 100(d) mm	
Weight (including battery)	465g		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

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