

## IMPRESORA RT823iPRO



Print Method	Thermal Transfer / Direct Thermal	
Resolution	203 dpi (8 dots/mm)	
Print Speed	Up to 8 ips (203 mm/s)	
Print Width	4.25" (108 mm)	
Print Length	Min. 0.16" (3 mm)**; Max. 279.53" (7,100 mm)	
Processor	32-bit RISC CPU	
Memory	Flash 16 GB SDRAM 512 MB	
Sensor Type	Adjustable reflective sensor (full range). Fixed transmissive sensor. Central aligned	
Media	Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming
	Width	Min. 0.79" (20 mm) – Max. 4.65" (118 mm)
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.008" (0.2 mm)
	Label roll diameter	Max. 5" (127 mm)
Ribbon	Core diameter	1" (25.4 mm), 1.5" (38.1 mm)
	Types	Wax, wax/resin, resin
	Length	Max. 984" (300 m)
	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)
Ribbon	Ribbon roll diameter	2.67" (68 mm)
	Core diameter	1" (25.4 mm)
Printer Language	EZPL, GEPL, GZPL, GDPL auto switch	
PDF Documents	Supports to print PDF documents	
Software	Label design tool	GoLabel II (for EZPL only) (Windows)
	Management tools	GoTools (Windows / Android / iOS)
	tools	GoUtility (Windows)
	APP	GoAPP (Android / iOS)
Driver	Windows 7, Windows 8 & 8.1, Windows 10, Window11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux	
SDK	Win CE, .NET, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS	
Resident Fonts	Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable 8 times expandable in horizontal and vertical directions
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable Internal TTF Fonts x5 : Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages
Download Fonts	Bitmap Fonts	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable
	Asian Fonts	16x16, 24x24, Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable
Barcodes	1-D Bar Codes	China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode
	2-D Bar Codes	Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR code, TLC 39, GS1 Composite, DotCode, Marco PDF 417
Code Pages	Codepage 437, 737, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8, UTF16BE, UTF16LE	
Graphics	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software	
Interfaces	USB 2.0 (Type B)	
	Serial port (RS-232)	
	Ethernet 10/100 Mbps (IEEE 802.1X)	
	USB Host x 2 (Type A)	
Wireless Connection	Supports commercially available Linux USB dongle *** Backlight 3.2" Touch Screen LCD	
Control Panel	1 Power on/off button	
	1 Control key: FEED / PAUSE / CANCEL 1 Calibration button at rear panel	
Real Time Clock	Standard	
Power	External auto switching power supply Input: AC 100-240V, 50-60Hz Output: DC 24V, 2.5A	
Environment	Operation temperature	41°F to 104°F (5°C to 40°C)
	Storage temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	Operation	25-85%, non-condensing
	Storage	10-90%, non-condensing
Agency Approvals	CE (EMC), FCC Class B, ICES-003, CB, UKCA, cULus, BSMI, CCC, Energy Star ****	
Dimension	Length	280 mm (11.0")
	Width	215 mm (8.46")
	Height	193 mm (7.6")
	Weight	2.7 Kg (5.9 lbs), excluding consumables



## IMPRESORA RT833iPRO



Print Method	Thermal Transfer / Direct Thermal	
Resolution	300 dpi (12 dot/mm)	
Print Speed	Up to 6 ips (152 mm/s)	
Print Width	4.16" (105.7 mm)	
Print Length	Min. 0.12" (3 mm)**; Max. 350 (8,890 mm)	
Processor	32-bit RISC CPU	
Memory	Flash	16 GB
	SDRAM	512 MB
Sensor Type	Adjustable reflective sensor (full range). Fixed transmissive sensor. Central aligned	
Media	Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming
	Width	Min. 0.79" (20 mm) – Max. 4.65" (118 mm)
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.008" (0.2 mm)
	Label roll diameter	Max. 5" (127 mm)
	Core diameter	1" (25.4 mm), 1.5" (38.1 mm)
Ribbon	Types	Wax, wax/resin, resin
	Length	Max. 984" (300 m)
	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)
	Ribbon roll diameter	2.67" (68 mm)
	Core diameter	1" (25.4 mm)
Printer Language	EZPL, GEPL, GZPL, GDPL auto switch	
PDF Documents	Supports to print PDF documents	
Software	Label design tool	GoLabel II (for EZPL only) (Windows)
	Management tools	GoTools (Windows / Android / iOS)
	tools	GoUtility (Windows)
	APP	GoAPP (Android / iOS)
Driver	Windows 7, Windows 8 & 8.1, Windows 10, Window11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux	
SDK	Win CE, .NET, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS	
Resident Fonts	Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable
	TTF Fonts	8 times expandable in horizontal and vertical directions (Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable Internal TTF Fonts x5 : Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages
	Asian Fonts	Internal TTF Fonts x5 : Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages
Download Fonts	Bitmap Fonts	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable
	Asian Fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions
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Barcodes	1-D Bar Codes	China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode
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Graphics	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software	
Interfaces	USB 2.0 (Type B) Serial port (RS-232) Ethernet 10/100 Mbps (IEEE 802.1X) USB Host x 2 (Type A)	
Wireless Connection	Supports commercially available Linux USB dongle *** Backlight 3.2" Touch Screen LCD	
Control Panel	1 Power on/off button 1 Control key: FEED / PAUSE / CANCEL 1 Calibration button at rear panel	
Real Time Clock	Standard	
Power	External auto switching power supply Input: AC 100-240V, 50-60Hz Output: DC 24V, 2.5A	
Environment	Operation temperature	41°F to 104°F (5°C to 40°C)
	Storage temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	Operation	25-85%, non-condensing
	Storage	10-90%, non-condensing
Agency Approvals	CE (EMC), FCC Class B, ICES-003, CB, UKCA, cULus, BSMI, CCC, Energy Star ****	
Dimension	Length	280 mm (11.0")
	Width	215 mm (8.46")
	Height	193 mm (7.6")
	Weight	2.7 Kg (5.9 lbs), excluding consumables



## IMPRESORA RT863iPRO



Print Method	Thermal Transfer / Direct Thermal	
Resolution	600 dpi (24 dots/mm)	
Print Speed	Up to 3 ips (76.2 mm/s)	
Print Width	4.16" (105.7 mm)	
Print Length	Min. 0.12" (3 mm)** ; Max. 100" (2,540 mm)	
Processor	32-bit RISC CPU	
Memory	Flash 16 GB SDRAM 512 MB	
Sensor Type	Adjustable reflective sensor (full range). Fixed transmissive sensor. Central aligned	
Media	Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming
	Width	Min. 0.79" (20 mm) – Max. 4.65" (118 mm)
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.008" (0.2 mm)
	Label roll diameter	Max. 5" (127 mm)
Ribbon	Core diameter	1" (25.4 mm), 1.5" (38.1 mm)
	Types	Wax, wax/resin, resin
	Length	Max. 984" (300 m)
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