

Preliminary Specifications

RT863i

Desktop Printer

Model	RT863i
Print Method	Thermal Transfer / Direct Thermal
Resolution	600 dpi (24 dots/mm)
Print Speed	3 IPS (76.2 mm/s)**
Print Width	4.16" (105.6 mm)
Print Length	Min. 0.16" (4 mm)**; Max. 15" (381 mm)
Processor	32 Bit RISC CPU
Memory	128 MB Flash (60 MB for user storage)
Flash	32 MB
SDRAM	
Sensor Type	Adjustable reflective sensor (full range). Fixed transmissive sensor, central aligned
Types	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming
Width	Min. 0.79" (20.0 mm) – Max. 4.64" (118 mm)
Media Thickness	Min. 0.003" (0.076 mm) – Max. 0.008" (0.20 mm)
Label Roll Diameter	Max. 5" (127 mm)
Core Diameter	1" (25.4 mm), 1.5" (38.1 mm)
Types	Wax, wax / resin, resin
Length	984.25' (300 m)
Ribbon Width	1.18" Min. - 4.33" (30 mm - 110 mm) Max.
Ribbon Roll Diameter	2.67" (68 mm)
Core Diameter	1" (25.4 mm)
Printer Language	EZPL, GEPL, GZPL, GDPL auto switch
Label Design Software	GoLabel (for EZPL only)
Software Driver	Vista, Windows 7, Windows 8 & 8.1, Windows 10, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, MAC, Linux
SDK	Win CE, .NET, Windows Vista, Windows 7, Windows 8 & 8.1, Windows 10, Android, Mac, iOS
Resident Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions TTF Fonts (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable
Download Fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001) 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions TTF Fonts (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable
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 (1 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 and Random Weight
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
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	Serial port: RS-232 (DB-9) USB Device port (B-Type) IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) USB Host (A-Type) Parallel Port (Mini-Centronics)
Control Panel	Backlight 3.2" Touch Screen LCD Calibration button Control Key : FEED Power on/standby button
Power	Switching power 100-240VAC, 50-60Hz input
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 A · CB · UL · cUL
Dimension	Length 11.0" (280 mm) Height 7.7" (195 mm) Width 8.3" (210 mm)
Weight	5.9 lbs (2.7 Kg) ,excluding consumables
Options	Label dispenser Cutter External label unwind Stand External label rewinder Bluetooth Wireless LAN (IEEE 802.11 b/g/n) Real Time Clock (RTC)

*Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.

**Minimum print height and maximum print speed specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc. GoDEX is pleased to test non-standard materials for minimum print height, and maximum print speed capability.

Applications

Applications for Labels & Barcodes

RT863i are the ultimate tool for barcode printings in any industry.



Cosmetics

Shelf labels, product serial number labels, ingredients contents labels.



Health Care

Tube tags, pharmaceutical labels, patient identification, medical records and laboratory specimen tags.



Retail

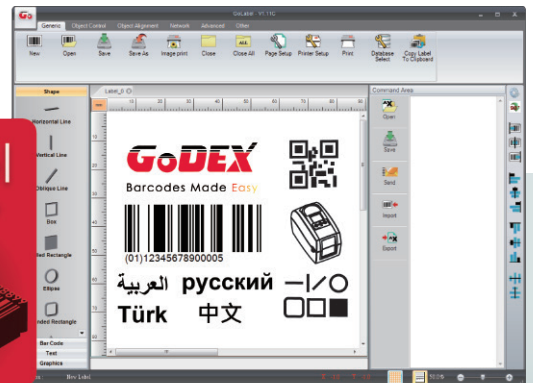
Price tags, content labels, jewelry labels, courier tracking label, receipts for registered mails, bills of landing (B / L), postage labels, etc.

GoDEX LABEL DESIGN SOFTWARE

GoLabel Software / User Friendly

GoLabel is based on a WYSIWYG (what you see is what you get) user interface, makes everything so easy for you to create and print barcode labels. GoLabel is the first-choice label design software that you can't miss it!

Go visit www.godexintl.com and download GoLabel to experience it!



GoDEX RIBBONS

High quality original GoDEX thermal transfer ribbons

GoDEX offers premium thermal transfer ribbons that will fit most of your printing applications.

- Wax
- Wax/ Resin
- Resin
- Near Edge

