Desktop Printers

RT700i Pro series

All The Best Feature Upgrades Under One Roof!

The RT700i Pro series revolutionizes printing with its driverless PDF printing and wireless capabilities via USB WiFi or Bluetooth dongle. Designed for modern efficiency and flexibility, it provides a comprehensive solution for all printing demands. Its dongle support ensures a tidy workspace, while its advanced features enhance your printing experience, making it the pinnacle of barcode printing technology.

PDF Printing

Directly print PDF files without needing a driver, making them compatible with various operating platforms such as Windows/Linux/Android/iOS/MAC.

IEEE 802.1X Protocol

Supports 802.1X network authentication, providing a more secure network authentication process for users who are using LAN transmission.

Wireless Connectivity

Can be paired with a USB WiFi or Bluetooth dongle to enable wireless connectivity (for supported Dongle info, refer to user manual).

Ingenious Mechanism Design

The clamshell design ensures an easy-to-use experience for installing consumables. Additionally, the rod-less label roll holder simplifies media loading and promotes a smooth feeding process.

Compatible Interface

The RT700i Pro series boasts a variety of connectivity options, including USB, RS232, Ethernet, and two USB ports. Additionally, the series supports a USB WiFi or Bluetooth dongle for seamless wireless connectivity and effortless integration.

Stand-Alone Operation

The RT700i Pro series comes equipped with two standard USB ports, enabling seamless integration with a variety of external devices, including flash drives, scanners, keyboards, and USB WiFi or Bluetooth dongles. This versatile connectivity allows for extended storage, independent usage, and wireless connectivity.

Multiple Sensors

Twin-Sensor technology offers users a wide array of label options. The inclusion of a full-range, movable, reflective sensor enhances the detection capabilities of various media types.

Clear 2.4" Color LCD

The 2.4-inch color LCD screen is thoughtfully designed for user-friendliness, enabling intuitive operation. With its clear color display and seamless interaction through navigation buttons, users can easily view and utilize the screen.

Automatic Media Calibration Button

The innovative design of the C button simplifies media calibration into a one-touch process. Gone are the days of complex and time-consuming manual calibration; now users can quickly and accurately calibrate their media with just a simple press of the button.

Large Memory

The RT700i Pro series features 16 GB of flash memory and 512 MB of SDRAM, enabling seamless storage and efficient processing of a diverse range of printing data. Additionally, this series includes five TrueType fonts supporting various languages including: Korean, Japanese, Simplified Chinese, Traditional Chinese, and Western languages to ensure global compatibility.

Model		RT700i Pro	RT730i Pro
Print Method		Thermal Transfer / Direct Thermal	
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dot/mm)
Print Speed		Up to 7 ips (178 mm/s)	Up to 5 ips (127 mm/s)
Print Width		4.25" (108 mm)	4.16" (105.7 mm)
Print Length		Min. 0.12" (3 mm)** ; Max . 400" (10,160 mm)	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. 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) GoUtility (Windows)	
	Satin ribbon printing tool	GoRibbon (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 (RS232) • Ethernet 10/100 Mbps • USB Host x 2 (Type A)
Wireless Connection		Supports commercially available Linux USB dongle (WiFi, BT) ***
Control Panel		• Color TFT LCD with navigation button • Power on/off button • Control key: FEED • 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**	30-85%, 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	187 mm (7.36")
Weight		2.6 Kg (5.73 lbs), excluding consumables
Options		Cutter module (User Install) Label dispenser (User Install) External label unwind stand External label rewinder

* 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.

*** Verified USB dongle brands and models, please refer to User Manual for detailed information.

**** The safety certification marks may be different depending on sales regions.

Applications

Applications for Labels & Barcodes

RT700i Pro series is extremely versatile and can be used for most applications.

Retail

Price tags, content labels, receipts for registered mails, postage labels, etc.

Warehouses

Case pack labels, address labels, product serial number labels, inventory management , shipping labels, or related industrial applications.
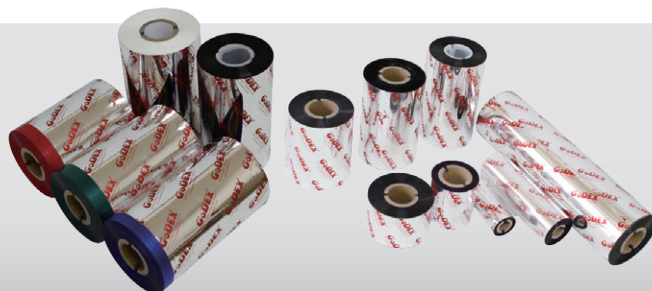
Travel & Leisure

By barcoding your tickets, you can track ticket sales and admittance, as well as improvesecurity at your event.

GoDEX RIBBONS

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

- Wax
- Wax/ Resin
- Resin
- Near Edge

GoDEX SOFTWARE

GoLabel II
Label design software

GoLabel II is based on a WYSIWYG (what you see is what you get) user interface, making everything so easy for users to create and print barcode labels.
GoLabel II is the first-choice in label design software, and all you need to start creating your own labels today!

GoTools
Stay Cool!
Available for download now!!

Forget about installing complicated software, GoTools will show you the easiest way.

Go Utility

GoUtility can help users monitor GoDEX's printer status and deploy data to multiple printers through a concise user interface at the same time.