



Desktop Printers

## GM600 Pro series

**Premium Quality, Unmatched value.**

The GM600 Pro series is available in direct thermal, and thermal transfer models. With a 4-inch print width, these premium printers bring excellent print quality to a compact desktop printer. The GM600 Pro Series can support both 1" and 0.5" ribbon cores. Additionally, with 16 GB of flash memory and 512 MB SDRAM, the GM600 Pro can easily store and process a wide range of printing data and can directly print PDFs. Built for businesses of all sizes, the GM600 Pro offers incredible value and performance.



### 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).



## 203,300 and 600 dpi Printing Resolution Supported

The GM600 Pro is equipped with a highly durable print head that can withstand prolonged printing tasks on thermal media. Additionally, it offers three versions to choose from: 203 dpi (GM620 Pro), 300 dpi (GM630 Pro), and 600 dpi (GM660 Pro) to accommodate different label templates and application environments.

## Multi-Label Adaptation & Easy Detection

Able to print on labels up to 4.64 inches (118mm) wide with a maximum print width of 4.25 inches (108mm), the GM600 Pro series is compatible with most 4-inch-wide media available on the market. The GM600 Pro comes with an adjustable reflective sensor and a fixed-transmissive sensor, allowing it to easily identify black mark, continuous, punched hole, or gap labels, and calibrate them with the touch of a button.




## Supports 1" & 0.5" ribbon Core Diameter:

Capable of supporting both 0.5" and 1" ribbon cores. 0.5" ribbon can hold up to 300m ribbon.

## 2 USB Host available for Keyboard/Scanner/USB Disk/USB wireless Dongle Large Memory size: SDcard Flash 16 GB, 512MB SDRAM.

The GM600i 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				
		GM620 Pro	GM630 Pro	GM660 Pro
Print Method		Thermal Transfer / Direct Thermal		
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dot/mm)	600 dpi (24 dot/mm)
Print Speed		Up to 8 IPS (203 mm/s)	Up to 6 IPS (152 mm/s)	Up to 4 IPS (102 mm/s)
Print Width		4.25" (108 mm)	4.16" (105.7 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)	Min. 0.12" (3 mm)** ; Max. 100" (2,540 mm)
Processor		32 Bit RISC CPU		
Memory	Flash	16 GB(Free for user storage 12 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. 1" (25.4 mm) – Max. 4.65" (118 mm)		
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.01" (0.25 mm)		
	Label roll diameter	Max. 5" (127 mm)		
	Core diameter	1 " (25.4 mm), 1.5" (38.1 mm), 3" (76.2 mm)		
Ribbon	Types	Wax, wax/resin, resin		
	Length	361'(110m) / 984' (300 m)		
	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)		
	Ribbon roll diameter	1.57" (40 mm)/0.5" core, 2.67" (68 mm)/1" core		
	Core diameter	0.5" (12.7mm), 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		

<b>Barcodes</b>	<b>1-D Bar codes</b>	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
	<b>2-D Bar codes</b>	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
<b>Code Pages</b>		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
<b>Graphics</b>		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software
<b>Interfaces</b>		<ul style="list-style-type: none"> <li>• USB 2.0 (Type B)</li> <li>• Serial port (RS-232)</li> <li>• Ethernet 10/100 Mbps (IEEE 802.1X)</li> <li>• USB Host x 2 (Type A)</li> </ul>
<b>Wireless Connection</b>		Supports commercially available Linux USB dongle ***
<b>Control Panel</b>		One LED: Ready, Status Control key: FEED Calibration button
<b>Real Time Clock</b>		Standard
<b>Power</b>		External auto switching power supply Input: AC 100-240V, 50-60Hz Output: DC 24V, 2.5A
<b>Environment</b>	<b>Operation temperature</b>	41° F to 104° F (5° C to 40° C)
	<b>Storage temperature</b>	-4° F to 122° F (-20° C to 50° C)
<b>Humidity</b>	<b>Operation</b>	30-85%, non-condensing.
	<b>Storage</b>	10-90%, non-condensing.
<b>Agency Approvals</b>		CE (EMC), FCC Class B, CB, cULus, ICES-003, UKCA, ENERGY STAR ****
<b>Dimension</b>	<b>Length</b>	280 mm (11")
	<b>Width</b>	205 mm (8.1")
	<b>Height</b>	175 mm (6.9")
<b>Weight</b>		2.5 Kg (5.51 lbs), excluding consumables
<b>Options</b>		Cutter module (Dealer Install) Label Dispenser (Dealer 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 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

GM600 Pro series is extremely versatile and can be used for most applications.



### Retail

price tags, content labels, receipts for registered mail, postage labels, etc.



### Warehouse

shelf labels, product labels, stocking management, exterior/pallet labeling, etc.



### Administration

ID cards, document and records management, access control management, library management & organization and classification system, ISBN application, etc.

## 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 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!



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



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