Desktop Printers

G500+ Series

Consistent Quality, Unbeatable Value

Affordable, high-performance printing solution with a classic desktop mechanism design. With the ability to print at 203 and 300 dpi resolutions, the G500+ delivers exceptional print quality and accuracy for text, graphics, and 1D & 2D barcodes. Additionally, with 128 MB of flash and SDRAM, the G500+ can easily store and process a wide range of printing data. Built for businesses of all sizes, the G500+ offers great value and performance.

Twin-Sensors Designed for Multi-Row Labels

Double see-through sensors can adapt to different label arrangement types. Whether it is a single-row, or double-row label, the sensors will detect and recognize the label height using an auto-sensing function to quickly identify the label.

Dual USB Hosts Generate More Application Possibilities

Two USB hosts are configured on the back of the G500+, allowing it to receive variables from a scanner, electronic scale, or other devices. Furthermore, a USB drive can be inserted for printer firmware updates without a computer terminal.

Large Capacity, Low Frequency of Consumable Replacements

A 300-meter ribbon capacity, and a max. OD of 5 inches (127 mm) per label roll, enables the printer to be used for a longer period without having to frequently replace the consumables. With the addition of the external label stand, an even larger label roll can be installed to extend the printing time even further.

Label and Ribbon Quick Calibration Button

Eliminating the previous method of calibration that required shutting down the printer and holding down the FEED key while turning it back on, the G500＋ features a label/ribbon quick calibration button. After installing the labels and ribbons, users can quickly enable the printer to recognize the consumables by pressing the calibration button.

Ample Storage Space

Equipped with 128 MB Flash and 128 MB SDRAM. A compact design can have a large storage space for data, and the large SDRAM ensures more stable data processing for printing. Furthermore, it comes with pre-installed TTF fonts, including Simplified Chinese, Traditional Chinese, Korean, Japanese, and Western languages. These TTF fonts can be directly accessed for printing during standalone operation.

Specification

2024/08/06

Model		
	G500＋	G530＋
Print Method	Thermal Transfer / Direct Thermal	
Resolution	203 dpi (8 dots/mm)	300 dpi (12 dot/mm)
Print Speed	Up to 6 IPS (152 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 . 279.53"(7100 mm)	Min. 0.12" (3 mm)** ; Max. 125.98"(3200 mm)

Processor		32 Bit RISC CPU
Memory	**Flash**	128 MB(Free for user storage 34MB)
	SDRAM	128 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. 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	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
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) · USB Host (Type A)	· USB 2.0 (Type B) · Serial port (RS232) · Ethernet 10/100 Mbps (IEEE 802.1X-TBD) · USB Host *2 (Type A)	· USB 2.0 (Type B) · USB Host (Type A)	· USB 2.0 (Type B) · Serial port (RS232) · Ethernet 10/100 Mbps (IEEE 802.1X-TBD) · USB Host *2 (Type A)
Real Time Clock	Options			
Control Panel	Two bi-color status-LEDs: Ready, Status Control key: FEED Calibration Button			
Power	Auto Switching 100-240VAC, 50-60Hz.			
Environment — **Operation temperature**	41˚F to 104˚F (5˚C to 40˚C)			
Environment — **Storage temperature**	-4˚F to 140˚F (-20˚C to 60˚C)			
Humidity — **Operation**	30-85%, non-condensing.			
Humidity — **Storage**	10-90%, non-condensing.			
Agency Approvals	CE (EMC)、FCC Class B、CB、cULus、ICES-003、UKCA、BSMI、CCC、ENERGY STAR ***			
Dimension — **Length**	285 mm (11.2")			
Dimension — **Width**	232 mm (9.13")			
Dimension — **Height**	173 mm (6.81")			
Weight	2.5 Kg (5.51 lbs), excluding consumables			
Options	Cutter module (Dealer Install) Label Dispenser (Dealer Install) WiFi (IEEE 802.11 b/g/n) and BT (BLE 5.0) combo module (Dealer Install) External label unwind stand External label rewinder Real Time Clock (RTC) (Dealer Install)			

* 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.

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

Applications

Applications for Labels & Barcodes

G500+ 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.
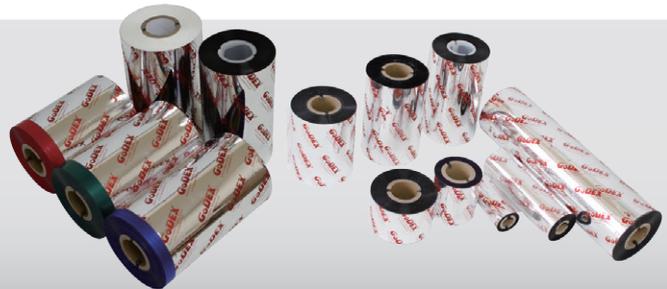
Administration

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
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.