



Industrial Printers

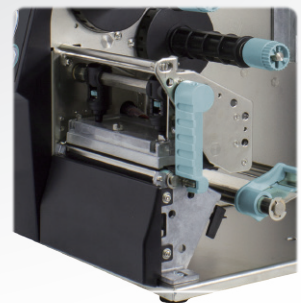
ZX400 Pro/ ZX400i Pro Series

Power & Precision in One Compact Design

Small in size and powerful in performance. Upgraded Flash and SDRAM enable the ZX400(i) Pro series to withstand more difficult printing conditions. Multiple interfaces and optional WiFi & Bluetooth connections make the ZX400(i) Pro suitable for most application environments.

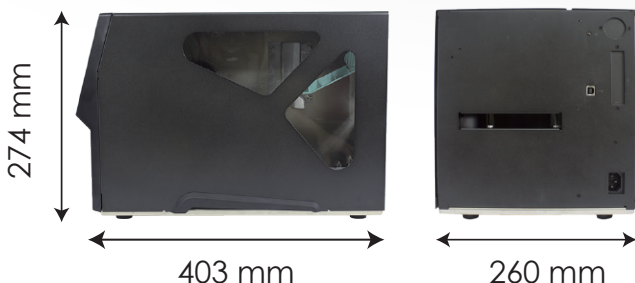
Die-Cast Printing Mechanism

The ZX400(i) Pro printing mechanism is made with a diecast design, providing strong durability and making it capable of long term label printing requirements.



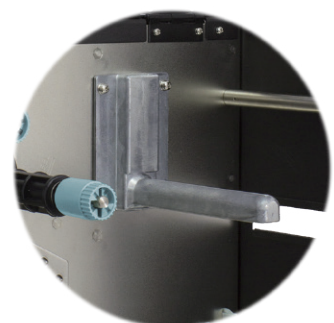
Small Footprint

403 mm (Length) x 260 mm (Width)
small footprint with industrial efficiency;
ideal for users who need to consider
the use of space.



1 Inch Label Roll Holder

The strong die-cast label roll holder also supports 1 inch label cores, allowing the upgrade from desktop printers to the ZX400(i) Pro series without the need to purchase a different type of label.



Specifications

Model					
		ZX420 Pro	ZX430 Pro	ZX420i Pro	ZX430i Pro
Print Method		Thermal Transfer / Direct Thermal			
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dot/mm)	203 dpi (8 dots/mm)	300 dpi (12 dot/mm)
Print Speed		Up to 6 ips (152 mm/s)	Up to 4 ips (102 mm/s)	Up to 6 ips (152 mm/s)	Up to 4 ips (102 mm/s)
Print Width		Up to 4.25" (108 mm)	Up to 4.16" (105.7 mm)	Up to 4.25" (108 mm)	Up to 4.16" (105.7 mm)
Print Length		Min. 0.12" (3 mm)** ; Max. 400" (10,16 m)	Min. 0.12" (3 mm)** ; Max. 350" (8,89 m)	Min. 0.12" (3 mm)** ; Max. 400" (10,16 m)	Min. 0.12" (3 mm)** ; Max. 350" (8,89 m)
Processor		32 Bit RISC CPU			
Memory	Flash	16 GB			
	SDRAM	512 MB			
Sensor Type		Adjustable reflective sensor and transmissive sensor, left aligned			
Media	Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming			
	Width	Tear : Min. 1" (25.4 mm) – Max. 4.65" (118 mm) Cutter : Max. 4.61" (117 mm) Dispenser : Max. 4.33" (110 mm)			
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.01" (0.25 mm)			
	Label roll diameter	Max. 8" (203.2 mm) with 3" (76.2 mm) core Max. 6" (152.4 mm) with 1.5" (38.1 mm) core Max. 5" (127 mm) with 1" (25.4 mm) core			
	Core diameter	Min. 1" (25.4 mm) – Max. 3" (76.2 mm)			
Ribbon	Types	Wax, wax/resin, resin			
	Length	Max. 1476' (450 m)			
	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)			
	Ribbon roll diameter	3" (76.2 mm)			
	Core diameter	1" (25.4 mm)			
Printer Language & Emulations		EZPL, EPL, ZPL, DPL (auto switch)			
PDF Documents		Supports the printing of PDF files (PDF-DIRECT)			
Software	Label design tools	GoLabel II, Bartender, Nicelabel			
	Management tools	GoTools (Windows / Android), GoUtility (Windows), SOTI Connect (License required)			
	APP	GoAPP (Android / iOS)			
Drivers		Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Android Print Service, Linux, CUPS for iOS			
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 • USB Host (Type A)	
Optional Interfaces		Bluetooth & WIFI***	
Real Time Clock		Standard	
Control Panel		• 1 Power on/ standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight : Ready (Green); Error (Red)	• Color TFT LCD with navigation button • 1 Power on/standby button with green color LED backlight • 1 Calibration button at rear panel • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red)
Power		Auto Switching 100-240VAC, 50-60Hz.	
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	20-85%, non-condensing.	
	Storage	10-90%, non-condensing.	
Agency Approvals		CE, ROHS, FCC Class B, Energy Star 3.2, UL ****	
Dimensions	Length	403 mm (15.9")	
	Width	260 mm (10.2")	
	Height	274 mm (10.8")	
Weight		10.8 Kg (23.81lbs), excluding consumables	
Options		Cutter module (Dealer Install) Parallel port adaptor module (Centronic female 36-pin) (Dealer Install) External label rewinder Label Dispenser (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.

*** Supports Wifi 6 and BLE 5.0 version.

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

Applications

Applications for Labels & Barcodes

The ZX400 Pro/ZX400i 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.



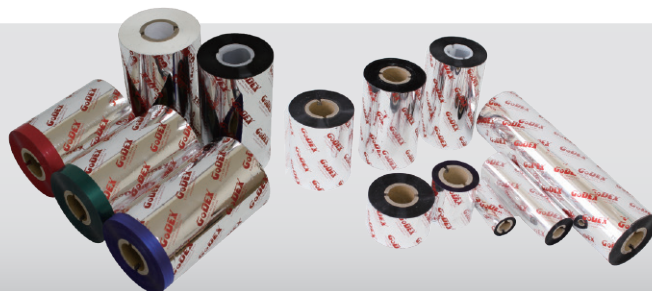
Manufacturing

product labels, manufacturing labels, exterior/pallet labels, trade, stocking and document management, etc.

GoDEX RIBBONS

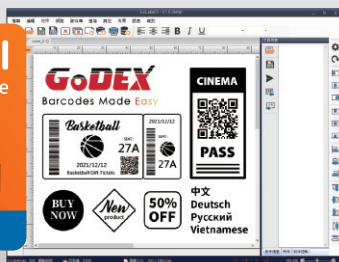
Godex offers premium thermal transfer ribbons that will fit most of your printing applications.

- 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!

GoDEX WARRANTY



GoDEX is the only printer manufacturer who provides 3 years warranty on its desktop printers and 5 years on its industrial printers, printheads and platen rollers excluded. Moreover, GoDEX provides designated GoCare warranty programs on request.