



# ZX400/ZX400i series

## The best combination of Compact and Robust Design

Innovating upon extensive customer feedbacks, GoDEX 's most cost-effective and space-saving Industrial printers, the ZX400/ZX400i series, integrates industrial utility with its high performance and exquisite design. The ZX400/ZX400i series not only remains its classic design, but also provides multiple outstanding features in this new model.



Options

- Multiple connectivity
- Auto Calibration button included
- A full line of accessories
- Easy ribbon/ media loading
- Full-range adjustable label sensor
- 32-bit CPU that offers fast "first label out" throughput
- Fast print speed - up to 6 ips
- Upgrade version for 2.4" Color TFT LCD and operation panel for easy and intuitive operation



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# ZX400/ZX400i series Printer Specification

Model	ZX420	ZX420i	ZX430	ZX430i
Print Method	Thermal Transfer / Direct Thermal			
Resolution	203 dpi (8 dots/mm)		300 dpi (12 dots/mm)	
Print Speed	6 IPS (152 mm/s)**		4 IPS (102 mm/s)**	
Print Width	4.25" (108 mm)		4.16" (105.7 mm)	
Print Length	Min. 0.16" (4 mm)** Max.157.44" ( 3999mm)		Min. 0.16" (4 mm)** Max. 73.19"(1859 mm)	
Processor	32 Bit RISC CPU			
Memory	128 MB Flash (60 MB for user storage) ; 32 MB SDRAM			
Sensor Type	Adjustable reflective sensor and transmissive sensor, left aligned			
Media	Types : 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. 4.64" (118 mm) Thickness : Min. 0.003" (0.076 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 : 1.18" Min. - 4.33" (30 mm - 110 mm) Max. Ribbon Roll Diameter : 3" (76.2 mm) Core Diameter : 1" (25.4 mm)			
Printer Language	EZPL, GEPL, GZPL, GDPL auto switch			
Software	Label design software: GoLabel (for EZPL only) 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	Bitmap fonts: 6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A & B Bitmap fonts 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions TTF Fonts: TTF Fonts (Bold / Italic / Underline ). 0°,90°, 180°, 270° rotatable			
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: 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 (1 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, IIF 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	• USB 2.0 (B-Type)	• USB 2.0 (B-Type) • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) • USB Host (A-Type)	• USB 2.0 (B-Type)	• USB 2.0 (B-Type) • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) • USB Host (A-Type)
RTC	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)	• 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 (EMC) \ FCC Class B \ CB \ UL \ cUL \ CCC \ UKCA			
Dimension	Length 15.86" (403 mm) Height 10.79" (274 mm) Width 10.24" (260 mm)			
Weight	23.81lbs (10.8 Kg), excluding consumables			
Options	Cutter (Dealer Install) Parallel port adaptor module (Centronic female 36-pin)(Dealer Install) BT (Dealer Installer) Wireless LAN (IEEE 802.11 b/g/n) (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.