

ZX1200i Series



A new generation, high efficiency,
touch screen industrial barcode printer.

Multiple interfaces for high flexibility to connect.
Large interactive touch screen panel for ease of use.
Compact and robust steel design that fulfills your most
demanding printing needs.



Enlarged touch screen
panel for intuitive and
easy operation.
Label preview & user
friendly interfaces.



Smart and powerful
interfaces with three
USB hosts (front & back)
for flexible usage.



High quality and productivity

- Super-fast print speed (up to 10 IPS).
- All new hardware design for steady print quality.



Optional Ribbon Rewind
Module allows easy and
fast ribbon replacement.

Model Name		ZX1200i	ZX1300i	ZX1600i
Print Method		Thermal Transfer / Direct Thermal		
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dots/mm)	600 dpi (24 dots/mm)
Print Speed		Up to 10 IPS (254 mm/s)	Up to 7 IPS (177 mm/s)	Up to 4 IPS (101.6 mm/s)
Print Width		4.09" (104 mm) Up to (108mm)	4.09" (104 mm) Up to (105.7mm)	4.09" (104 mm)
Print Length		Min. 0.16" (4 mm)** – Max. 180" (4572 mm)	Min. 0.16" (4 mm)** – Max. 85" (2159 mm)	Min. 0.16" (4 mm) ** – Max. 26" (660 mm)
Processor		32-bit MPU		
Memory	Flash	128 MB Flash (60 MB for user storage)		
	SDRAM	32 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. 4.64" (118 mm) Cutter : Max. 4.61" (117 mm) Dispenser / Rewind : Max. 4.64" (118 mm)		
	Thickness	Min. 0.003" (0.06 mm) – Max. 0.01" (0.25 mm)		
	Label roll diameter	Max. 8" (203.2 mm)		
	Core diameter	Min. 1.5" (38.1 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		EZPL, GEPL, GZPL auto switch		
Software	Label design software	GoLabel (for EZPL only)		
	Driver	Windows XP, Vista, Win7, Win8, Server 2003 & 2008		
	DLL	Windows XP, Vista, Win7, Server 2003 & 2008		
Resident Fonts	Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions		
	Scalable Fonts	90°, 180°, 270° rotatable		
Download Fonts	Bitmap Fonts	Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable		
	Asian Fonts	Asian fonts 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions		
Barcodes	Scalable Fonts	Scalable fonts 90°, 180°, 270° rotatable		
	1-D Bar Codes	Code 39, Code 93, EAN 8 / 13 (add on 2 & 5), UPC A / E (add on 2 & 5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (Subset A, B, C), EAN 128, RPS 128, UCC 128, UCC / EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM, GS1 DataBar		
Code Pages	2-D Bar Codes	PDF417, Micro PDF417, Datamatrix code, Maxicode, QR code, Micro QR code and Aztec code		
		Codepage 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737		
Graphics		Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode (UTF8 - UTF16)		
Interfaces		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software		
Control Panel		• USB 2.0 (B-Type) • Serial port: RS-232 (DB-9) • IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) • 3 USB Host (A-Type). 2 ports at the front panel, 1 port at the rear panel • Backlight 3.2" touch screen LCD • 1 Power on/off button with green color LED backlight • 1 Control key : FEED / PAUSE / CANCEL with dual color LED backlight: Ready (Green); Error (Red) • 1 Calibration button at rear panel		
	Real Time Clock	Standard		
Environment	Power	Auto Switching 100-240V AC, 50-60Hz		
	Operation temperature	41°F to 104°F (5°C to 40°C)		
Humidity	Storage temperature	-4°F to 140°F (-20°C to 60°C)		
	Operation	20-85%, non-condensing		
Agency Approvals		10-90%, non-condensing		
Dimension		CE (EMC) • FCC Class A • CB • cUL • CCC • KC		
	Length	18.30" (465 mm)		
	Height	10.35" (263 mm)		
	Width	12" (305 mm)		
Weight		30 lbs (13.6 Kg), excluding consumables		
Options		Cutter module (User install)		
		Parallel port adaptor module (Centronic female 36-pin)		
		Bluetooth module		
		WiFi print server module (IEEE 802.11b/g/n)		
		Applicator Interface (DSUB female 15-pin)		
		External label roll holder for 10" (250 mm) O.D. label rolls		
		External label rewinder		
		Label Dispenser + Internal Rewinder (factory install)		
		RFID R/W module (project option)		

* 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.