

BPZ420i / BPZ430i

Thermal Transfer Light Industrial Printer



Model Name		BPZ420i	BPZ430i
Print Method		Thermal Transfer / Direct Thermal	
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dot/mm)
Print Speed		6 ips (152 mm/s)	4 ips (102 mm/s)
Print Width		4.25" (108mm)	4.16" (105.7mm)
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	Flash SDRAM	128 MB Flash (60 MB for user storage) 32 MB	
Sensor Type		Adjustable reflective sensor and transmissive sensor, left aligned	
	Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming	
	Width	Cutter : Max. 4.61" (117 mm)	
	Media Thickness	Dispenser / Rewind : Max. 4.64" (118 mm) 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	
	Core diameter	Max. 6" (152.4 mm) with 1.5" (38.1 mm) core Max. 5" (127 mm) with 1" (25.4 mm) core Min. 1" (25.4 mm) – Max. 3" (76.2 mm)	
	Ribbon Types	Wax, wax/resin, resin	
	Ribbon Length	Max. 1476' (450 m)	
	Ribbon Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)	
	Ribbon roll diameter	3" (76.2 mm)	
	Ribbon Core diameter	1" (25.4 mm)	
Printer Language		EZPL, GEPL, GZPL auto switch	
	Label design software	GoLabel (for EZPL only)	
	Driver	Windows 2000, XP, Vista, Windows 7, 8.1 and 10, Windows Server 2003 & 2008, MAC, Linux	
	DLL	Win CE, .NET, Android, Windows Mobile, Windows 2000 / XP / VISTA / 7 / 8.1 / 10	
	Resident Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B	
	Bitmap Fonts	Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable	
	TTF Fonts	Bitmap fonts 8 times expandable in horizontal and vertical directions TTF Fonts (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable	
	Download Fonts	90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable	
	Asian Fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001)	
	TTF Fonts	TTF Fonts (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable	
	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, EAN 8/13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (1 of 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, Random Weight, Standard 2 of 5, Telepen, UPC-A, UPC-E, UPC-A and UPC-E with EAN 2 or 5 digit extension, UCC 128, UCC/EAN-128 K-Mart	
	2-D Bar Codes	Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR code, TLC 39	
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		<ul style="list-style-type: none"> • 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) 	<ul style="list-style-type: none"> • 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)
Control Panel		<ul style="list-style-type: none"> • 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) 	<ul style="list-style-type: none"> • 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)
RTC		Standard	
Power		Auto Switching 100-240V AC, 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	20-85%, non-condensing 10-90%, non-condensing	
Agency Approvals		CE (EMC) - FCC Class B - CB - UL - cUL - CCC	
	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) Bluetooth (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.