

Zebra® Xi™ Series and 105SL™ Comparison



See how Zebra's Xi4™ stacks up

Zebra's Xi4 printers carry on the high-performance hallmarks of Zebra's legendary rugged, reliable, all-metal Xi™ series, including rugged durability, consistently outstanding print quality, fast print speeds, long life and unparalleled reliability.

And Xi4 printers build upon this legacy with new advanced and flexible features that make them faster and easier to operate, customize, maintain, and integrate. Backed by all this power and performance, built-to-last Xi4 printers ensure lower total cost of ownership, making them a smart investment for any organization valuing high performance.

Ideal for These Applications

- Receiving and shipping labeling
- Work-in-process labeling
- Asset management
- Inventory management
- Top-side and bottom-side circuit board labeling
- Product identification labeling
- Serial plate labeling
- Surgical tool and equipment labeling
- Diagnostic kit, vial and slide labeling
- Compliance labeling (AIAG, ODETTE, UCC/EAN-128, etc.)
- Chemical-drum, banner-size, packing-slip and other wide-label applications

Benefits	Features	Xi4™	XiIIIPlus™	105SL™
ENHANCED PRODUCTIVITY				
Consistent print quality	Energy Element Equalization™ Control to ensure consistent print quality over a run	Multiple E ³ ™	Multiple E ³	Single E ³
	Printhead Pressure Controls that allow greater printhead adjustability for a variety of label applications	Dual Toggle	Dual Toggle	Single Toggle
	Print Darkness Controls to fine-tune labels	300 Levels	300 Levels	30 Levels
	Print Resolution based upon application needs	203, 300, 600 dpi (8, 12, 23.5 dots per mm)	203, 300, 600 dpi (8, 12, 23.5 dots per mm)	203, 300 dpi (8, 12 dots per mm)
	Ease of Print Calibration	<ul style="list-style-type: none"> • Calibration Key on front panel • Automatic after head-open and start-up 	<ul style="list-style-type: none"> • Calibration Key on front panel • Automatic after head-open and start-up 	<ul style="list-style-type: none"> • Automatic after head-open and start-up
	Head Test for printhead element out provides warning for possible print quality issues	Optional—60% speed improvement over XiIIIPlus	Standard	N/A
	Intelligent Printhead ensures print quality (auto adjustment/tuning of PH voltage)	Standard	N/A	N/A
Print speed for a variety of applications	Print Speed for application needs	(203 dpi) 14"/356 mm/sec (300 dpi) 12"/305 mm/sec (600 dpi) 6"/152 mm/sec	(203 dpi) 10"/254 mm/sec (300 dpi) 8"/203 mm/sec (600 dpi) 4"/102 mm/sec	(203 dpi) 8"/203 mm/sec (300 dpi) 8"/203 mm/sec
Reduction in downtime	Media/Ribbon Early Warning Alerts to ensure needed uptime	Automatic detection of low level	Manual settings using counter	N/A
	Metal construction that provides durability in the toughest environments	Yes	Yes	Yes
	PH cleaning/maintenance warning provides notification when PH maintenance is needed	Standard	Standard	N/A
Speed of ribbon changes	Ribbon Take-up Spindle design increases speed of ribbon changes	Collapsible fins	Collapsible fins	"J" Hook
Easier media sensor alignment	Visual LED on Transmissive Sensor eliminates guesswork	Standard	N/A	N/A
Communication speed	Improved Ethernet Speed for faster communications	Faster than XiIIIPlus	N/A	N/A
INCREASED FLEXIBILITY				
	Multiple Print Widths for a variety of application needs	True 4" 600 dpi printhead 4" (102 mm) 5.04" (128 mm) 6.6" (168 mm) 8.5" (216 mm)	3.2" 600 dpi printhead 4" (102 mm) 5.04" (128 mm) 6.6" (168 mm) 8.5" (216 mm)	4.09" (104 mm)
	Multiple Languages on Front Panel for multi-national companies and multi-lingual workforces	18	13	13
	Customized Front Panel Content that provides the information suited for the user	Yes	N/A	N/A
	Memory provides ability to store a variety of fonts, formats, and graphics	<ul style="list-style-type: none"> • 16 MB SDRAM • 8 MB Flash • 64 MB Exp. Flash Memory • PCMCIA Socket—N/A • Compact Flash—N/A 	<ul style="list-style-type: none"> • 16 MB SDRAM • 4 MB Flash • 64 MB Exp. Flash Memory • PCMCIA Socket—Standard • Compact Flash—Standard 	<ul style="list-style-type: none"> • 16 MB SDRAM • 4 MB Flash • 64 MB Exp. Flash Memory • PCMCIA Socket—Optional • Compact Flash—Optional
	Real-Time Clock for time/date stamps required by applications	Standard	Standard	Standard
	Applicator port for print & apply applications	Option	Option	N/A
	RFID Ready to protect your investment for future application needs	Standard (110Xi4 only)	Option (110XiIIIPlus & 170XiIIIPlus only)	N/A
TOTAL COST OF OWNERSHIP MINIMIZATION				
	Construction/Durability protects your investment over the long-run	Metal Construction	Metal Construction	Metal Construction
	Reliable Operation ensures needed uptime	Heavy duty cycle	Heavy duty cycle	Medium duty cycle
	Media Take-up Spindle Maintenance design reduces on-going costs	Maintenance Free	Maintenance Free	Felt Pads/Need Lubricating
ENTERPRISE FRIENDLY				
	XML support	Standard	Standard	Standard
	Internal/External Ethernet 10/100 Print Server	Standard—Does Not Tie-up Parallel Port	Option—Ties up Parallel Port	Option—Ties up Parallel Port
	Wireless Print Server (802.11 b/g)	Optional	Optional	Optional
	Twinax Communications	Optional	Optional	Optional
	Coax Communications	Optional	Optional	Optional
	USB	Standard	Standard	N/A



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