



ZD620 vs. GX Series and ZD500

PRODUCT COMPARISON

As the next generation in Zebra's desktop printer line, the ZD620 takes its place as the premier four-inch printer, offering both direct thermal and thermal transfer models. Major enhancements include a more intuitive user interface for easier day-to-day operation, more connectivity options, faster print speeds and better print quality. Following is a brief description of the feature advantages of the ZD620.

Faster printing

The ZD620 prints 33% faster than the GX420/ZD500 at the standard 203 dpi resolution — 8 ips vs. 6 ips. It prints 50% faster than the GX430/ZD500 at 300 dpi — 6 ips vs. 4 ips. And the ZD620's Media Dancer maintains even tension on the media roll to ensure maximum quality on every label regardless of print speed.

Field installable media handling

Adding a cutter or peeler to the ZD620 is now a simple, in-field task. All upgrade kits come with the necessary Torx tool, so upgrades are as simple as loading a roll of media.

A new and improved user interface for easier everyday operation

An optional 10-button user interface with color LCD makes it easy to set up and configure the ZD620. The display changes color when the printer is paused or in an error state, so users can instantly identify and resolve an issue before productivity is impacted.

All the modern connectivity options available

The ZD620 is loaded with connectivity options. It comes with Ethernet, USB 2.0, USB host and Bluetooth Low Energy as standard. In addition, only the ZD620 offers, as an option, the very latest in wireless connectivity — 802.11ac Wi-Fi combined with Bluetooth 4.1 on a factory-installed dual radio card.

Link-OS® for easy remote cloud-based management of all your ZD620 printers

The ZD620 supports Zebra Link-OS, a one-of-a-kind enterprise printer operating system that makes it easier than ever to manage and troubleshoot your networked printers from one remote location. With optional Printer Profile Manager Enterprise, you can manage one printer, a group of specific printers or all printers anywhere in the world. And if you have a mix of Zebra Link-OS enabled industrial, desktop and mobile printers, you can use the same tool to manage them all — making it easier than ever to manage a large fleet of printers.

Healthcare-specific model that is easy to clean and sanitize

The ZD620 series includes a healthcare model that features: healthcare friendly colors, disinfectant-ready and UV-resistant plastics, a sealed button interface and a healthcare compliant power supply.

Feature Comparison

ZD620 VS. GX420/GX430/ZD500

FEATURE	GX420	GX430	ZD500	ZD620
				
PRINTING				
Print Technology	Direct Thermal model; Thermal Transfer model	Thermal Transfer model	Thermal Transfer model	Direct Thermal model; Thermal Transfer model
Print Resolution	203 dpi	300 dpi	203 dpi or 300 dpi	203 dpi or 300 dpi
Max. Print Width	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm (203 dpi); 4.27/108 mm (300 dpi)
Max. Print Speed	6 ips	4 ips	6 ips (203 dpi)/4 ips (300 dpi)	8 ips (203 dpi)/6 ips (300 dpi)
User Interface	Standard: Single button, one status LED; Optional: Monochrome LCD	Standard: Single button, one status LED; Optional: Monochrome LCD	Standard: Single button, one status LED; Optional: Monochrome LCD	Standard: Three buttons, five status icons; Optional: Color LCD with 10-button interface
Sensors	Fixed reflective; fixed transmissive (standard); Full width reflective; multi-position transmissive (optional)		Adjustable width reflective; multi-position transmissive	Full width reflective; multi-position transmissive
Memory	4 MB Flash; 8 MB SDRAM 64 MB Flash (optional)	4 MB Flash; 8 MB SDRAM 64 MB Flash (optional)	256 MB Flash; 128 MB SDRAM	512 MB Flash; 256 MB SDRAM
Ribbon Length	244 in./74 m	244 in./74 m	244 in./74 m	984 in./300 m; 244 in./74 m
CONNECTIVITY				
USB Host	Not available	Not available	Not available	Standard
USB	Standard	Standard	Standard	Standard
Serial (RS232)	Standard	Standard	Standard	Standard
Parallel	Standard	Standard	Standard	Not available
Ethernet	Factory option	Factory option	Standard	Standard
Wireless	Factory option: 802.11b/g or BT 2.0	Factory option: 802.11b/g or BT 2.0	Factory option: Dual radio with 802.11a/b/g/n and BT 3.0	Standard: Bluetooth Low Energy; Factory option: Dual radio with 802.11ac and BT 4.1
MEDIA HANDLING				
Peeler	Factory option	Factory option	Factory option	Field installable option
Cutter	Factory option	Factory option	Factory option	Field installable option
SOFTWARE				
Print Language	EPL and ZPL			
Management	ZebraLink	ZebraLink	Link-OS	Link-OS
OTHER				
Healthcare Model	No	No	No	Yes



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