ZD420 vs. GK420/GT800*

PRODUCT COMPARISON

As the next generation in Zebra's thermal transfer desktop line, the ZD420 takes it place as the leading four-inch printer in the mid-tier space. Major enhancements include a more intuitive user interface for easier day-to-day operation, more connectivity options, faster speeds and Zebra's innovative management solution, Link-OS®. Following is a brief description of the feature advantages of the ZD420.

Higher resolution option — 300 dpi
Some applications require higher resolution, such as the small labels on specimen containers and prescriptions in healthcare. With a 300 dpi printing option, the type on small labels is sharp, allowing the ZD420 to meet more business needs. While the GT800 does offer 300 dpi, it is not field-upgradeable. The ZD420 gives customers the flexibility to easily change to 300 dpi in the field using an accessory kit.

Faster printing
The ZD420 prints 20% faster than the GK420/GT800 at the standard 203 dpi resolution — 6 ips vs. 5 ips.

Field installable media handling
Adding a cutter or peeler to the ZD420 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
When the printer needs attention, five status icons help ensure workers understand at a glance what the printer needs, maximizing uptime and reducing training requirements.

More modern connectivity options – including wireless
The GK420 and GT800 offer USB 1.1, Serial, and Parallel as standard or optional Ethernet. The ZD420 comes with USB 2.0 and USB host as standard and offers the very latest in wireless connectivity — 802.11ac Wi-Fi combined with Bluetooth 4.1 on a factory-installed dual radio card. In addition, Serial or Ethernet can be added to the ZD420 in the field; there's no need to send the printer to the service depot.

Link-OS® for easy remote management of all your ZD420 printers
The ZD420 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.

Feature Comparison

ZD420 VS. GK420/GT800

FEATURE	GK420	GT800*	ZD420
PRINTING			
Print Technology	Thermal Transfer		
Print Resolution	203 dpi	203 dpi or 300 dpi	203 dpi or 300 dpi
Maximum Print Width	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm
Maximum Print Speed	5 ips	5 ips (203 dpi)/4 ips (300 dpi)	6 ips (203 dpi)/4 ips (300 dpi)
User Interface	One button, one LED	One button, one LED	Three buttons, five status icons
Sensors	Fixed reflective; fixed transmissive	Full width reflective; multi-position transmissive	Full width reflective; multi-position transmissive
Memory	4 MB Flash; 8 MB SDRAM	8 MB Flash; 8 MB SDRAM	512 MB Flash; 256 MB SDRAM
Ribbon Length	244 in./74 m	984 in./300 m; 244 in./74 m	984 in./300 m; 244 in./74 m
CONNECTIVITY			
USB Host	Not available	Not available	Standard
USB	Standard	Standard	Standard
Serial (RS232)	Standard	Standard	Field installable option
Parallel	Standard	Standard	Not available
Ethernet	Factory option	Factory option	Field installable option
Wireless	None	None	Factory option: Dual radio module with 802.11ac and Bluetooth 4.1; Bluetooth Low Energy is also available on models with factory-installed Ethernet
MEDIA HANDLING			
Label Dispenser (peeler)	Factory option	Factory option	Field installable option
Cutter	None	Factory option	Field installable option
SOFTWARE			
Print Language	EPL and ZPL		
Management and Support	ZebraLink	ZebraLink	Link-OS

* GT800 is not available in North America.

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