ZD421 vs. ZD420 and GK420

The Zebra ZD421 Series is a 4-inch desktop printer designed to deliver reliability, flexibility, and enhanced security for modern business needs. Building on the strengths of the GK and ZD420 Series, it introduces superior performance and future-ready features.

Key Benefits

- **High Performance:** Up to 30% faster than the ZD420 and 700% faster than the GK.
- **Ease of Use:** Three-button control with five LED indicators.
- **Print Quality:** Standard 203 dpi, upgradable to 300 dpi.
- **Media Handling:** Quick media change with an adjustable sensor.
- **Security:** Advanced PrintSecure technology.
- **Future-Proofing:** Expandable connectivity/media options and portability with optional accessories.
- **Model Flexibility:** Offered in Direct Thermal, Thermal Transfer, and Healthcare versions.
- **Remote Management:** Integrated management via Print DNA.

Remote Printer Management with Print DNA

Easily integrate, manage, and optimize your printer fleet—configure settings, schedule updates, monitor activities in real time, and proactively mitigate security risks.

Features	ZD421	ZD420	GK420
Printing			
Models	Direct Thermal, Thermal Transfer, Healthcare, Ribbon Cartridge	Direct Thermal, Thermal Transfer, Healthcare, Ribbon Cartridge	Direct Thermal, Thermal Transfer, Healthcare
Print Resolution	203 dpi or 300 dpi	203 dpi or 300 dpi	203 dpi
Maximum Print Speed	6 ips (203 dpi) / 4 ips (300 dpi)	6 ips (203 dpi) / 4 ips (300 dpi)	5 ips
User Interface	Three buttons, five status icons	Three buttons, five status icons	One button, one LED
Sensors	Full width, moveable reflective/black mark sensor; multi-position transmissive/gap sensor	Full width reflective; multi-position transmissive	Fixed reflective; fixed transmissive
Memory	512 MB Flash; 256 MB SDRAM	512 MB Flash; 256 MB SDRAM	4 MB Flash; 8 MB SDRAM
Ribbon Length	984 ft./300 m; 243 ft./74 m	984 ft./300 m; 243 ft./74 m	243 ft./74 m
Connectivity			
USB Host	Standard	Standard	None
USB	Standard	Standard	Standard
Serial (RS232)	Field-installable option	Field-installable option	Standard
Parallel	None	None	Standard
Ethernet	Factory or field-installable option	Factory or field-installable option	Factory option
Wireless	Factory or field-installable 802.11ac Wi-Fi and Bluetooth 4.1 (dual radio) Bluetooth Low Energy 5 is provided for use with the Zebra printer setup mobile app only	Factory option: Dual radio module with 802.11ac and Bluetooth 4.1 Bluetooth Low Energy is also available on models with factory-installed Ethernet	None

Features	ZD421	ZD420	GK420
Options and Media Handling			
Label Dispenser (peeler)	Field-installable option	Field-installable option	Factory option
Cutter	Field-installable option	Field-installable option	None
Battery and Carrying Case	Yes	Yes	None
Printer Language and Software			
Operating System and Software	Print DNA powered by Link-OS	Print DNA powered by Link-OS	ZebraLink
Print Language	EPL and ZPL, emulations with Virtual Devices	EPL and ZPL, emulations with Virtual Devices	EPL and ZPL
Printer Security	PrintSecure	PrintSecure	None

Get your next ZD421 from TTR Euroworks

Ready for faster, smarter desktop printing that adapts as your needs grow? Explore all ZD421 configurations on our product page, tailor your model, add wireless kits or healthcare options, get yours within 2-4 business days.

Discover the ZD421