ZD410 vs. LP2824 PLUS

PRODUCT COMPARISON

The ZD410 replaces Zebra's LP2824 Plus, taking its place in the market as the leading two inch direct thermal printer. The ZD410 is smaller and lighter, with more memory for fonts and graphics, higher resolution printing, a more intuitive user interface for easier day-to-day operation, more connectivity options and Zebra's innovative management solution, Link-OS. Following is a brief description of the feature advantages of the ZD410.

Higher resolution option — 300 dpi
Some applications require higher resolution, such as the small labels on specimen containers and prescriptions in healthcare. With a new 300 dpi printing option, the type on small labels is sharp, allowing the ZD410 to meet more business needs.

Faster printing
The ZD410 prints 33% faster than the LP2824 Plus at the standard 203 dpi resolution — 6 ips vs. 4 ips. In addition, while the LP2824 Plus prints 203 dpi at 4 ips, the ZD410 prints 300 dpi at 4 ips, offering nearly 33% more resolution at the same printing speed.

Field installable media handling
Adding a cutter or peeler to the ZD410 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, more status icons help ensure workers understand at a glance what the printer needs, maximizing uptime and reducing training requirements.

All the modern connectivity options available
The ZD410 is loaded with connectivity options. The LP2824 Plus offers either USB 1.1 and Serial, or Parallel as standard, while the ZD410 comes with USB 2.0, USB host and Bluetooth Low Energy as standard. While both printers have optional Ethernet, the ZD410 offers the very latest in wireless connectivity – Wi-Fi certified 802.11ac WLAN combined with Bluetooth 4.1 on a factory installed dual radio card. Serial or Ethernet connectivity can be added in the field, no need to send the printer to the service depot.

Link-OS for easy remote cloud-based management of all your ZD410 printers
Zebra's innovative management solution turns the ZD410 into a cloud-ready smart printer you can manage from anywhere. This unique software platform allows you to integrate, manage and maintain Zebra Link-OS printers, from any location. With Cloud Connect, you can securely interact directly with your ZD410 Link-OS based printers. And with Profile Manager, you can choose to manage one printer, a group of specific printers or all printers anywhere in the world.

Feature Comparison
ZD410D VS. LP2824 PLUS

FEATURE	LP2824 PLUS	ZD410D
PRINTING		
Print Technology	Direct Thermal	
Print Resolution	203 dpi	203 dpi or 300 dpi
Maximum Print Width	2.2 in.	2.2 in. (203 dpi)/2.2 in. (300 dpi)
Maximum Print Speed	4 ips	6 ips (203 dpi)/4 ips (300 dpi)
User Interface	One button, one LED	Three buttons, five status icons
Sensors	Fixed reflective; fixed transmissive	Full width reflective; multi-position transmissive
CONNECTIVITY		
USB Host	Not available	Standard
USB	Standard	Standard
Serial (RS232)	Standard	Field installable option
Ethernet	Factory option	Field installable option
Wireless	None	Standard: Bluetooth Low Energy Factory option: Dual radio module with 802.11ac and Bluetooth 4.1
MEDIA HANDLING		
Label Dispenser (peeler)	Factory option	Field installable option
Cutter	Factory option	Field installable option
SOFTWARE		
Print Language	EZPL	
Management and Support	ZebraLink	Link-OS

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