

## Comparing Alpha-4L vs. QL 420Plus

Compared to the QL 420Plus, the Alpha-4L portable label printer offers top of the line performance, greatly minimizes downtime, strong durability with high affordability, and ease of use and integration into existing systems.

MANUFACTURING COMPANY MODEL	TSC ALPHA-4L	Z BRAND QL 420PLUS
SPECIFICATIONS		
Print Technology	Direct Thermal	Direct Thermal
Resolution	203 DPI	203 DPI
Print Speed (Max)	4 IPS	3 IPS
Print Width (Max)	4.09"	4.09"
Media Type	Die cut, black mark, receipt, fan-fold, linerless, continuous	Roll-fed, die-cut, linerless, receipt, fan-fold
Label Capacity	2.65"	2.63"
Construction	Plastic with rubber over molded	Plastic with rubber over molded
Program Language	TSPL-EZ (Compatible to EPL, ZPL, ZPL II) or CPCL emulation	CPCL-Native, ZPL EPL2, XML
Real Time Clock	Standard	Not Available
Standard DRAM	32 MB	16 MB
Standard FLASH	16 MB	8 MB
Expanded Memory	Standard microSD card reader (Max. 4 GB)	Not Available
USB	USB 2.0	USB 2.0
Bluetooth	Standard	Option
Wireless	802.11 b/g/n	802.11 b/g
Serial	Option	Standard
Battery	Lithium-ion (7.2 V, 5,800 mAh)	Lithium-ion (7.4 V, 4,200 mAh)
Recharge Time	2-4 hr	5-7 hr
Drop Specification	5 ft (1.5 m) 6 ft (1.8 m) (with optional case)	5 ft (1.5 m)
IP Rating	IP54 (with optional case)	IP54 (with optional case)
Height	7.5"	7.5"
Width	6.3"	6.0"
Length	3.1"	3.0"
Weight	2.4 lbs	2.0 lbs
Replacement Printhead Cost	Lower	Higher
Warranty	2 Years	1 Year
List Price (w/ BT, LCD)	Lower	Higher

### Advantages of Alpha-4L over QL 420Plus



- Comparably equipped QL 420Plus is 15% more expensive than Alpha-4L
- Alpha-4L offers the largest battery capacity in its class
- Larger paper capacity to reduce the frequency of changing paper rolls
- Withstand higher drops with its protective case for continued printing
- TSC standard warranty is 2 years vs. 1 year for Z Brand