

Comparing TDP-247 vs. Zebra GK420d/GX420d

Compared to the Zebra GK or GX420d the TSC TDP-247 printer is much less expensive, offers more standard features and has a longer warranty.

MANUFACTURING COMPANY MODEL	TSC AUTO ID TDP-247	ZEBRA GK-420D	ZEBRA GX-420D
SPECIFICATIONS			
Print Technology	DT Only	DT Only	DT Only
Resolution	203 dpi	203 dpi	203 dpi
Print Speed (Max)	Up to 7 ips	Up to 5 ips	Up to 6 ips
Print Width (Max)	4.25" (108mm)	4.09"	4.09"
Ribbon Length	n/a	n/a	n/a
Label Capacity	5" OD internal 8" OD external	5" OD	5" OD
Construction	2 Wall Plastic	2 Wall Plastic	2 Wall Plastic
Program Language	TSPL-EZ ZPL & EPL2	ZPL/EPL2	ZPL/EPL2
Real Time Clock	\$30 option	N/A	\$349 w/8MB FLASH
Standard DRAM	8 MB	8 MB	8 MB
Standard FLASH	4 MB	4 MB	4 MB
Optional Memory	4 GB via SD Card (about \$8 retail)	N/A	8 MB – US\$349
Internal Ethernet	\$125 option	\$149 Option	\$149 option
USB	USB 2.0	USB 2.0	USB 2.0
Parallel	Included	N/A	N/A
Serial	Included	Included	Included
Stand Alone Keyboard Option	\$195	\$225	\$225
Label Peel with Present Sensor	\$30 option	\$35	\$35 option
Adjustable Black Line Sensor	Included	N/A	\$95 option
Cutter Option	\$195	N/A	\$200
Stand Alone / Downtime Mode	Included		
Height	6.46"	7.5"	7.5"
Width	7.87"	7.6"	7.6"
Length	9.45	10"	10"
Weight	4.2 lb	3.1 lb	3.1 lb
Replacement Printhead Cost	\$180		
Warranty	2 Years	1 Year	1 Year
List Price	US \$465	\$595	US \$695

Advantages of TSC TDP-247 over Zebra GK420d or GX420d



- Standard GK420d is 34% more expensive than TDP-247
- Standard GX420d is 56% more expensive but still slower than TDP-247
- Adjustable Sensor is standard on TDP-247, not available on GK and \$95 option for GX.
- Options including Ethernet, Peel & Present, and cutters are less expensive with TSC
- TSC warranty is 2 years vs. 1 year for Zebra
- Both TSC and Zebra support EPL2 and ZPL print languages.
- TDP-247 offers simple network down-time solutions for medical applications.
- Also available in 300 dpi, 5 ips version: TDP-345

Data is based on manufacturers published specification sheets and is subject to change without notice