

Zebra ZD621 Series Printer

Table of Comparison



FEATURE	PRINTER TYPE			
	DIRECT THERMAL		THERMAL TRANSFER	
	<u>ZD621D</u>	<u>ZD621D-HC</u> <i>(Healthcare Model)</i>	<u>ZD621T</u>	<u>ZD621T-HC</u> <i>(Healthcare Model)</i>
Screen (4.3 Inch)	Optional	Standard	Standard	Standard
RFID Support <i>(a technology that uses radio waves to automatically identify and track objects)</i>	Unavailable	Unavailable	Optional	
Print Method	No Ribbon	No Ribbon	Ribbon Required <i>(for higher resolution and durability)</i>	
Print Speed	203 dpi: 8 inch/203 mm 300 dpi: 6 inch/152 mm			
Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm <i>(optional)</i>			
Size	L: 221 mm W: 177 mm H: 151 mm		L: 267 mm W: 202 mm H: 192 mm	
Weight	1.6 kg		2.5 kg	

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	<u>ZD621D</u>	<u>ZD621D-HC</u>	<u>ZD621T</u>	<u>ZD621T-HC</u>
Power Supply	Optional 2750 mAh Battery			
		Include: "IEC 60601-1 Certified" <i>(a globally recognized standard feature for the safety of medical electrical equipment)</i>		Include: "IEC 60601-1 Certified" <i>(a globally recognized standard feature for the safety of medical electrical equipment)</i>
	Optional Attached Power Supply			
Accessories	Optional Carrying Case			

Direct Thermal vs Thermal Transfer Printer

Direct Thermal Printing:

Direct Thermal printers create images by directly heating specially treated, heat-sensitive paper. The printhead applies heat to the paper, causing a chemical reaction that turns the paper black in the heated areas, forming the image or text. Think of it like a receipt from a point-of-sale system or a shipping label.

Thermal Transfer Printing:

Thermal Transfer printers use a heated printhead to melt and transfer ink from a ribbon onto a variety of media, including paper, polyester, or polypropylene. The ink from the ribbon is permanently bonded to the label material, creating a highly durable image.