



# Zebra Product Comparison • Desktop Printer Product Line

	VALUE		ADVANCED				PERFORMANCE				COMPACT		WRISTBAND	
	GC420d	GC420t	GK420d	GK420t	GT800	ZD420	GX420d	GX420t	GX430t	ZD500	ZD410	TLP 2824 Plus	HC100	
<b>Product Description</b>	Four-Inch (4 in.) Direct Thermal Desktop Printer	Four-Inch (4 in.) Thermal Transfer Desktop Printer	Four-Inch (4 in.) Direct Thermal Desktop Printer	Four-Inch (4 in.) Thermal Transfer Desktop Printer	Four-Inch (4 in.) Thermal Transfer Desktop Printer	Four-Inch (4 in.) Thermal Transfer Ribbon Cartridge Desktop Printer	Four-Inch (4 in.) Direct Thermal Desktop Printer	Four-Inch (4 in.) Thermal Transfer Desktop Printer	Four-Inch (4 in.) Thermal Transfer Desktop Printer	Four-Inch (4 in.) Thermal Transfer Desktop Printer	Two-Inch (2 in.) Direct Thermal Desktop Printer	Two-Inch (2 in.) Thermal Transfer Desktop Printer	Direct Thermal Wristband Cartridge Printer	
<b>Print Specifications</b>														
<b>Maximum Print Speed</b>	4 ips	4 ips	5 ips	5 ips	5 ips	6 ips	6 ips	6 ips	4 ips	6 ips	6 ips	4 ips	4 ips	
<b>Standard Print Resolution</b>	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	300 dpi	203 dpi	203 dpi	203 dpi	300 dpi	
<b>Maximum Print Width</b>	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	4.09 in./104 mm	2.2 in./56 mm	2.2 in./56 mm	1.187 in./30 mm	
<b>Standard Features</b>														
<b>Memory (RAM/Flash)</b>	8 MB/8 MB	8 MB/8 MB	8 MB/4 MB	8 MB/4 MB	8 MB/8 MB	256 MB/512 MB	8 MB/4 MB	8 MB/4 MB	8 MB/4 MB	128 MB/256 MB	256 MB/512 MB	8 MB/4 MB	16 MB/8 MB	
<b>Programming Language</b>	EPL/ZPL Coresident	EPL/ZPL Coresident	EPL/ZPL Coresident	EPL/ZPL Coresident	EPL/ZPL Coresident	EPL/ZPL Coresident	EPL/ZPL Coresident	EPL/ZPL Coresident	EPL/ZPL Coresident	ZPL	EPL/ZPL Coresident	EPL/ZPL Coresident	ZPL	
<b>Communications Interface(s)</b>	Serial, Centronics Parallel and USB v1.1	Auto-Sensing Serial, Centronics Parallel and USB v1.1	Auto-Sensing Serial, Centronics Parallel and USB v1.1	Auto-Sensing Serial, Centronics Parallel and USB v1.1	Auto-Sensing Serial, Centronics Parallel and USB v1.1	USB v2.0, Bluetooth Low Energy, USB Host	Auto-Sensing Serial, Centronics Parallel and USB v1.1	Auto-Sensing Serial, Centronics Parallel and USB v1.1	Auto-Sensing Serial, Centronics Parallel and USB v1.1	Auto-Sensing Serial, Centronics Parallel, Ethernet and USB v2.0	USB v2.0, USB Host, Bluetooth Low Energy	Auto-Sensing Serial and USB v1.1	Auto-Sensing Serial and USB v1.1	
<b>Unicode Compliant</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<b>Link-OS Enabled</b>	No	No	No	No	No	Yes	No	No	No	Yes	Yes	No	No	
<b>Standard User Interface</b>	One button, one status LED	One button, one status LED	One button, one status LED	One button, one status LED	One button, one status LED	Three buttons, five icons	One button, one status LED	One button, one status LED	One button, one status LED	Three buttons, LCD	Three button, five status icons	One button, one status LED	Three buttons, one status LED	
<b>Standard Sensor</b>	Fixed Reflective and Transmissive	Fixed Reflective and Transmissive	Fixed Reflective and Transmissive	Fixed Reflective and Transmissive	Full Width Reflective and Multi-position Transmissive	Full Width Reflective and Multi-position Transmissive	Fixed Reflective and Transmissive	Fixed Reflective and Transmissive	Fixed Reflective and Transmissive	Full Width Reflective and Multi-position Transmissive	Full Width Reflective and Multi-position Transmissive	Fixed Reflective and Transmissive	NA	
<b>Supplies Characteristics</b>														
<b>Maximum Media Width</b>	4.25 in./108 mm	4.25 in./108 mm	4.25 in./108 mm	4.25 in./108 mm	4.49 in./114 mm	4.65 in./118 mm	4.25 in./108 mm	4.25 in./108 mm	4.25 in./108 mm	4.25 in./108 mm	2.36 in./60 mm	2.36 in./60 mm	1.187 in./30 mm	
<b>Label Length (non-continuous)</b>	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	39 in./991 mm	
<b>Media Thickness</b>	0.003 in./0.08 mm to 0.007 in./0.18 mm	0.003 in./0.08 mm to 0.007 in./0.18 mm	0.003 in./0.08 mm to 0.0075 in./0.19 mm	0.003 in./0.08 mm to 0.0075 in./0.19 mm	0.003 in./0.08 mm to 0.007 in./0.18 mm	0.003 in./0.08 mm to 0.0075 in./0.09 mm	0.003 in./0.08 mm to 0.0075 in./0.19 mm	0.003 in./0.08 mm to 0.0075 in./0.19 mm	0.003 in./0.08 mm to 0.0075 in./0.19 mm	0.003 in./0.08 mm to 0.012 in./0.305 mm	0.003 in./0.08 mm to 0.012 in./0.305 mm	0.003 in./0.08 mm to 0.007 in./0.18 mm	NA	
<b>Maximum Media Roll Size (OD)</b>	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	5 in./127 mm	Wristband Cartridge	
<b>Maximum Ribbon Width</b>	NA	4.3 in./110 mm	NA	4.3 in./110 mm	4.3 in./110 mm	4 in. ribbon cartridge	NA	4.3 in./110 mm	4.3 in./110 mm	4.3 in./110 mm	NA	2.4 in./58 mm	NA	
<b>Maximum Ribbon Length</b>	NA	244 ft./74 M	NA	244 ft./74 M	984 ft./300 M	244 ft./74 M	NA	244 ft./74 M	244 ft./74 M	244 ft./74 M	NA	244 ft./74 M	NA	
<b>Physical Characteristics</b>														
<b>Dimensions</b>	8.2 in. D x 7.9 in. W x 6.7 in. H 208 mm D x 201 mm W x 170 mm H	9.4 in. D x 7.9 in. W x 6.8 in. H 239 mm D x 201 mm W x 173 mm H	8.25 in. D x 6.75 in. W x 6.0 in. H 210 mm D x 171 mm W x 152 mm H	10.0 in. D x 7.6 in. W x 7.5 in. H 254 mm D x 193 mm W x 191 mm H	10.75 in. D x 7.75 in. W x 7.25 in. H 273 mm D x 197 mm W x 184 mm H	10.0 in. D x 8.0 in. W x 7.0 in. H 254 mm D x 202 mm W x 177 mm H	8.25 in. D x 6.75 in. W x 6.0 in. H 210 mm D x 171 mm W x 152 mm H	10.0 in. D x 7.6 in. W x 7.5 in. H 254 mm D x 193 mm W x 191 mm H	10.0 in. D x 7.6 in. W x 7.5 in. H 254 mm D x 193 mm W x 191 mm H	10.0 in. D x 7.6 in. W x 7.5 in. H 254 mm D x 193 mm W x 191 mm H	10.0 in. D x 7.6 in. W x 7.5 in. H 254 mm D x 193 mm W x 191 mm H	8.6 in. D x 4.5 in. W x 6.0 in. H 220 mm D x 115 mm W x 151 mm H	9.5 in. D x 5.3 in. W x 7.0 in. H 241 mm D x 135 mm W x 178 mm H	9.5 in. D x 5.0 in. W x 7.0 in. H 242 mm D x 127 mm W x 178 mm H
<b>Weight</b>	3.0 lb./1.4 kg	3.2 lb./1.5 kg	3.0 lb./1.4 kg	4.6 lb./2.1 kg	5.8 lb./2.63 kg	5.0 lb./2.3 kg	3.0 lb./1.4 kg	4.6 lb./2.1 kg	4.6 lb./2.1 kg	4.6 lb./2.1 kg	4.6 lb./2.1 kg	2.2 lb./1.0 kg	3.5 lb./1.6 kg	3.1 lb./1.4 kg
<b>Available Feature Options</b>														
<b>Communication Interfaces</b>														
<b>Bluetooth</b>	No	No	No	No	No	Yes <sup>2</sup> : Bluetooth v4.1	Yes <sup>2</sup> : Bluetooth v2.0	Yes <sup>2</sup> : Bluetooth v2.0	Yes <sup>2</sup> : Bluetooth v2.0	Yes <sup>2</sup> : Bluetooth v3.0	Yes <sup>2</sup> : Bluetooth v4.1	No	No	
<b>Internal Ethernet</b>	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Standard	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	
<b>Wireless LAN</b>	No	No	No	No	No	Yes <sup>2,5</sup>	Yes <sup>2,3</sup>	Yes <sup>2,3</sup>	Yes <sup>2,3</sup>	Yes <sup>2,4</sup>	Yes <sup>2,5</sup>	No	Yes <sup>2,3</sup>	
<b>Serial</b>	Standard	Standard	Standard	Standard	Standard	Yes <sup>7</sup>	Standard	Standard	Standard	Standard	Yes <sup>7</sup>	Standard	Standard	
<b>Media Handling</b>														
<b>Cutter</b>	No	No	No	No	Yes <sup>2</sup>	Yes <sup>7</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	No	
<b>Dispenser</b>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	No	
<b>Narrow Media Adaptor Guide</b>	No	No	No	No	No	Yes	No	No	No	No	No	Yes	NA	
<b>Other</b>														
<b>Optional Print Resolution</b>	No	No	No	No	300 dpi <sup>1,2</sup>	300 dpi <sup>1,7</sup>	No	No	No	300 dpi <sup>1,2</sup>	300 dpi <sup>1,2</sup>	No	No	
<b>Optional Movable Media Sensor</b>	No	No	No	No	No	No	Full Width Reflective and Multi-position Transmissive	Full Width Reflective and Multi-position Transmissive	Full Width Reflective and Multi-position Transmissive	No	No	No	No	
<b>LCD</b>	No	No	No	No	No	No	Yes	Yes	Yes	Standard	No	No	No	
<b>Extended Memory</b>	No	No	No	No	No	No	Yes <sup>6</sup>	Yes <sup>6</sup>	Yes <sup>6</sup>	No	No	Yes <sup>6</sup>	Yes	
<b>Font Packs</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<b>Healthcare Model</b>	No	No	Yes	Yes	No	Yes	No	No	No	No	Yes	No	Standard	
<b>ZKDU Keyboard Display Unit for Stand Alone Printing Applications</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

<sup>1</sup>Maximum print speed at 300 dpi is 4 ips <sup>2</sup>Factory install only <sup>3</sup>802.11 b/g <sup>4</sup>802.11 a/b/g/n <sup>5</sup>802.11 ac <sup>6</sup>64MB Flash with Real Time Clock <sup>7</sup>Field upgradeable



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