

# TSC

The Smarter Choice.



## DA210/DA220 SERIES – Desktop Direct Thermal Bar Code Printer

### COMPACT DESIGN

### AFFORDABLE TOTAL COST OF OWNERSHIP



#### KEY FEATURES

- High quality double-walled clamshell design
- 6 inches per second print speed
- 64 MB DRAM and 128 MB Flash memory (DA220/DA320)
- Easy media loading
- USB 2.0 (High speed mode)
- Versatile TSPL-EZD firmware emulates Eltron®, Zebra® and Datamax languages out of the box
- Bluetooth 4.0
- 802.11 a/b/g/n (DA220/DA320)
- ENERGY STAR® qualified

#### APPLICATIONS

- Small Parcel Shipping
- Mail Room Address and Routing Labels
- Shipping & Receiving
- Entertainment and Transportation Ticketing
- Retail Point-of-Sale
- File-Folder Labeling

# DA210/DA220 SERIES – Desktop Direct Thermal Bar Code Printer



PRINTER MODEL	DA210	DA310	DA220	DA320
<b>Resolution</b>	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
<b>Printing method</b>	Direct Thermal			
<b>Max. print speed</b>	152.4 mm (6")/second	102 mm (4")/second	152.4 mm (6")/second	102 mm (4")/second
<b>Max. print width</b>	108 mm (4.25")	105.7 mm (4.16")	108 mm (4.25")	105.7 mm (4.16")
<b>Max. print length</b>	2,794 mm (110")	1,016 mm (40")	25,400 mm (1000")	11,430 mm (450")
<b>Enclosure</b>	Double-walled plastic			
<b>Physical dimension</b>	172 mm (W) x 165 mm (H) x 195 mm (D) 6.77" (W) x 6.50" (H) x 7.68" (D)			
<b>Weight</b>	1.5 kg (3.31 lbs)			
<b>Label roll capacity</b>	127 mm (5") OD			
<b>Processor</b>	32-bit RISC CPU			
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 8 MB Flash memory</li> <li>• 16 MB DRAM</li> </ul>		<ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 64 MB DRAM</li> </ul>	
<b>Interface</b>	<ul style="list-style-type: none"> <li>• USB 2.0 (High speed mode)</li> <li>• Internal Bluetooth (factory option)</li> </ul>		<ul style="list-style-type: none"> <li>• PCBA1: USB 2.0 High speed Modus, USB Host, RS-232 und Ethernet (Standard)</li> <li>• PCBA2: USB 2.0 und Ethernet (factory option)</li> <li>• Internal 802.11 a/b/g/n wireless (factory option)</li> <li>• Internal Bluetooth (factory option)</li> </ul>	
<b>Power</b>	External universal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 50-60Hz</li> <li>• Output: DC 24V, 2.5A, 60W</li> </ul>			
<b>Operation switch, button, LED</b>	1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)			
<b>Sensors</b>	<ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor</li> <li>• Head open sensor</li> </ul>			
<b>Internal fonts</b>	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Image™ true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>			
<b>Bar code</b>	<ul style="list-style-type: none"> <li>• 1D bar code Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11, China Post</li> <li>• 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec, MicroPDF417</li> </ul>			
<b>Font and barcode rotation</b>	0, 90, 180, 270 degree			
<b>Printer language</b>	TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)			
<b>Media type</b>	Continuous, black mark, fan-fold, notched (outside wound), continuous linerless label (factory option)			
<b>Media width</b>	19 ~ 114 mm (0.7" ~ 4.5")			
<b>Media thickness</b>	0.055 ~ 0.19 mm (2.16 ~ 7.48 mil)			
<b>Media core diameter</b>	25.4 ~ 38 mm (1" ~ 1.5")			
<b>Label length</b>	10 ~ 2,794 mm (0.39" ~ 110")	10 ~ 1,016 mm (0.39" ~ 40")	10 ~ 25,400 mm (0.39" ~ 1000")	10 ~ 11,430 mm (0.39" ~ 450")
<b>Environment condition</b>	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing			
<b>Safety regulation</b>	FCC Class A, CE Class A, RCM, EAC, CB, CCC, KC, BIS, UL, ENERGY STAR®			
<b>Environmental concern</b>	Comply with RoHS, WEEE			
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> </ul>			
<b>Limited warranty</b>	<ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>			
<b>Factory options</b>	<ul style="list-style-type: none"> <li>• Internal Bluetooth</li> </ul>		<ul style="list-style-type: none"> <li>• Real Time Clock</li> <li>• PCBA2: USB2.0 and Ethernet</li> <li>• Internal 802.11 a/b/g/n wireless</li> <li>• Internal Bluetooth</li> <li>• Linerless with cutter</li> <li>• Linerless with tear</li> </ul>	
<b>Dealer options</b>	N/A		<ul style="list-style-type: none"> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut or partial cut)</li> </ul>	
<b>User options</b>	<ul style="list-style-type: none"> <li>• 1.5" adaptor for 1.5" paper core</li> <li>• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core</li> </ul>		<ul style="list-style-type: none"> <li>• 1.5" adaptor for 1.5" paper core</li> <li>• External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core</li> <li>• KP-200 Plus keyboard display unit (serial interface)</li> </ul>	

**TSC**  
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/// [www.tscprinters.com](http://www.tscprinters.com)

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