



# TX210 Series | Data Sheet

Model	TX210	TX310	TX610
<b>Resolution</b>	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	24 dots/mm (600 DPI)
<b>Printing method</b>	Thermal Transfer & Direct Thermal		
<b>Max. print speed</b>	203 mm (8")/second	152 mm (6")/second	102 mm (4")/second
<b>Max. print width</b>	108 mm (4.25")	106 mm (4.17")	106 mm (4.17")
<b>Max. print length</b>	25,400 mm (1000")	11,430 mm (450")	2540 mm (100")
<b>Enclosure</b>	Clamshell with double-walled plastic		
<b>Physical dimension</b>	226 mm (W) x 198 mm (H) x 332 mm (D) 8.90" (W) x 7.80" (H) x 13.07" (D)		226 mm (W) x 200 mm (H) x 332 mm (D) 8.90" (W) x 7.87" (H) x 13.07" (D)
<b>Weight</b>	3.75 kg (8.27 lbs)		4.08 kg ( 8.99 lbs)
<b>Label roll capacity</b>	127 mm (5") OD		
<b>Ribbon</b>	300 m long, max. OD 67 mm, 1" core (ink coated outside)		
<b>Ribbon width</b>	40 mm ~ 110 mm (1.6" ~ 4.3")		
<b>Processor</b>	32-bit RISC CPU		
<b>Memory</b>	<ul style="list-style-type: none"> <li>128 MB Flash memory</li> <li>128 MB SDRAM</li> <li>microSD card reader for Flash memory expansion, up to 32 GB</li> </ul>		
<b>Interface</b>	<ul style="list-style-type: none"> <li>USB 2.0</li> <li>RS-232</li> <li>USB Host</li> <li>Internal Ethernet, 10/100 Mbps</li> <li>Centronics (factory option)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module (dealer option)</li> <li>MFi Bluetooth 5.0 (factory option)</li> </ul>		
<b>Power</b>	External universal switching power supply <ul style="list-style-type: none"> <li>Input: AC 100-240V, 2.5A, 50-60Hz</li> <li>Output: DC 24V, 3.75A, 90W</li> </ul>		External universal switching power supply <ul style="list-style-type: none"> <li>Input: AC 100-240V, 2.5A, 50-60Hz</li> <li>Output: DC 24V, 5.41A, 130W</li> </ul>
<b>Operation switch, button, LED/LCD</b>	<ul style="list-style-type: none"> <li>1 power switch</li> <li>1 feed/pause button</li> <li>LED panel with 8 big icons</li> </ul>		<ul style="list-style-type: none"> <li>1 power switch</li> <li>6 operation buttons</li> <li>3.5" color TFT display, 320 x 240 pixel</li> </ul>
<b>Sensors</b>	<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> <li>Ribbon encode sensor</li> <li>Head open sensor</li> </ul>		<ul style="list-style-type: none"> <li>Transmissive gap sensor</li> <li>Black mark reflective sensor (position adjustable)</li> <li>Ribbon end sensor</li> <li>Ribbon encode sensor</li> <li>Head open sensor</li> </ul>
<b>Real time clock</b>	Dealer option		Standard
<b>Internal font</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, Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China post, ITF14, EAN14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</li> <li>2D bar code TLC39, CODABLOCK F mode, PDF-417, Maxicode, DataMatrix, QR code, Aztec, Micro PDF 417, GS1 DataBar (RSS barcode)</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, die-cut, black mark, fan-fold, notch (outside wound)		
<b>Media width</b>	19 ~ 112 mm (0.75" ~ 4.4")		
<b>Media thickness</b>	0.055 ~ 0.254 mm (2.17 ~ 10 mil)		
<b>Media core diameter</b>	25.4 ~ 38.1 mm (1" ~ 1.5")		
<b>Label length</b>	3 ~ 25,400 mm (0.1" ~ 1,000")	3 ~ 11,430 mm (0.1" ~ 450")	3 ~ 2,540 mm (0.1" ~ 100")
<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 B, CE Class B, RCM, UL, cUL, TÜV/Safety, CCC, BIS, EAC, ENERGY STAR®		
<b>Environmental concern</b>	Comply with RoHS, WEEE		
<b>Accessories</b>	<ul style="list-style-type: none"> <li>Quick start guide</li> <li>USB cable</li> <li>Power cord</li> <li>External universal switching power supply</li> <li>Windows labeling software CD disk</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>Centronics parallel interface</li> <li>3.5" color TFT display (includes real time clock)</li> <li>Ribbon end sensor</li> <li>MFi Bluetooth 5.0</li> </ul>		<ul style="list-style-type: none"> <li>Centronics parallel interface</li> <li>MFi Bluetooth 5.0</li> </ul>
<b>Dealer options</b>	<ul style="list-style-type: none"> <li>Real time clock</li> <li>Peel-off module</li> <li>Guillotine cutter (full cut)</li> <li>802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module</li> </ul>		
<b>User options</b>	<ul style="list-style-type: none"> <li>External label roll mount</li> <li>KP-200 Plus keyboard display unit</li> </ul>		



## CORPORATE HEADQUARTERS

TSC Auto ID Technology Co., Ltd.  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

## LI ZE PLANT

TSC Auto ID Technology Co., Ltd.  
Tel: +886 3 990 6677  
E-mail: apac\_sales@tscprinters.com

## AMERICAS

TSC Auto ID Technology America Inc.  
Tel: +1 657 258 0808  
E-mail: americas\_sales@tscprinters.com

## MEXICO

TSC Mexico Representative Office  
Tel: +1 52 (33) 3673 1406  
E-mail: americas\_sales@tscprinters.com

## BRAZIL

TSC Brazil Representative Office  
Tel: +55 (11) 3554 7225  
E-mail: americas\_sales@tscprinters.com

## EMEA

TSC Auto ID Technology EMEA GmbH  
Tel: +49 (0) 8106 37979 000  
E-mail: emea\_sales@tscprinters.com

## RUSSIA

TSC Auto ID Technology EMEA GmbH  
Tel: +7 495 646 3538  
E-mail: emea\_sales@tscprinters.com

## Middle East

TSC Auto ID Technology ME Ltd, FZE  
Tel: +971 4 2533 069  
E-mail: emea\_sales@tscprinters.com

## ASIA PACIFIC

TSC Auto ID Technology Co., Ltd.  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

## INDIA

TSC India Distributor's Office  
Tel: +91 2249 679 315  
E-mail: apac\_sales@tscprinters.com

## CHINA

Tianjin TSC Auto ID Technology Co., Ltd.  
Tel: +86 22 5981 6661  
E-mail: apac\_sales@tscprinters.com

## KOREA

TSC Korea Representative Office  
Tel: +82 2 852 3322  
E-mail: apac\_sales@tscprinters.com

Product models and specifications are subject to change without notice.



TSC Printronix Auto ID tscprinters.com



TSC Printronix Auto ID Training Academy



Service and Maintenance

