TSC TH220T

TSC TH220T label printer Direct thermal / Thermal transfer 203 x 203 DPI 203 mm/sec Wired & Wireless Ethernet LAN Wi-Fi



PRINT TECHNOLOGY
Direct thermal / Thermal transfer

RESOLUTION
203 x 203 DPI

PRINT SPEED
203 mm/sec

MAX PRINT WIDTH
5.4 cm

CONNECTIVITY
USB, Ethernet, Wi-Fi

PRINTER LANGUAGES
DPL, EPL, TSPL-EZ, ZPL, ZPL II

OVERVIEW

Thermal Transfer Label Printer, 203 dpi, LCD, DRAM 128MB/Flash 128MB, USB, RS-232, Ethernet, RTC, EU

TECHNICAL SPECIFICATIONS

Print quality

Maximum resolution	203 x 203 DPI
Maximum printing width	5.4 cm

Printing

Print speed	203 mm/sec
Print technology	Direct thermal / Thermal transfer

Display

Display diagonal	8.89 cm (3.5")
Colour display	Yes
Display resolution	480 x 320 pixels
Display	LCD

Network

Wi-Fi	Yes
Ethernet LAN	Yes

Memory

Internal memory	128 MB
Flash memory	128 MB

Paper handling

Ribbon width	5.8 cm
Ribbon length	90 m
Media thickness	0.06 - 0.19 mm

Ports & interfaces

Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
RS-232 ports	1
Connectivity technology	Wired & Wireless
USB port	Yes

Performance

Built-in barcodes	1D, 2D, AZTECCODE, CODABAR (NW-7), China post, Codablock F, Code 11, Code 128 (A/B/C), Code 39, Code 49, Code 93, Code128UCC, Datamatrix, Deutsche Post Identcode, Deutsche Post Leitcode, EAN128, EAN13, EAN14, EAN8, GS1 DataBar, ITF-14, Interleaved 2/5, LOGMARS, MSI, MaxiCode, PDF417, Planet, POSTNET, Plessey, QR Code, TELEPEN, TELEPENN, TLC39, UPC-A, UPC-E

Specifications are supplied by the manufacturer and may change without notice. Issued October 2026.

Built-in processor	Yes
Page description languages	DPL, EPL, TSPL-EZ, ZPL, ZPL II
Tape end detection	Yes
Open cover detection	Yes

Design

Product colour	Black
Control type	Buttons, Touch
Built-in display	Yes

Power

AC adapter output voltage	24 V
AC adapter output current	2.5 A
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Technical details

Sustainability certificates	ENERGY STAR
Warranty period	2 year(s)
Compliance certificates	BSMI, CB, CCC, CE, China RoHS, EAC, Federal Communications Commission (FCC), Industry Canada (IC), Norma Oficial Mexicana (NOM), RCM, REACH, RoHS, UKCA, WEEE, cTUVus

Operational conditions

Storage temperature (T-T)	-40 - 60 °C
Storage relative humidity (H-H)	10 - 90%
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	25 - 85%

Weight & dimensions

Width	146 mm
Depth	231 mm
Height	179 mm
Weight	1.8 kg

Packaging content

Cables included	AC, USB

Order or get advice
Speak to the BarcodeGenie team about compatible labels, ribbons and setup.

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Scan to view this product online.

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