TSC Alpha-40L

TSC Alpha-40L label printer Direct thermal 203 x 203 DPI 127 mm/sec Wired & Wireless Wi-Fi Bluetooth



PRINT TECHNOLOGY
Direct thermal

RESOLUTION
203 x 203 DPI

PRINT SPEED
127 mm/sec

MAX PRINT WIDTH
10.4 cm

CONNECTIVITY
USB, Wi-Fi, Bluetooth

PRINTER LANGUAGES
ESC/POS, TSPL-EZ

OVERVIEW

Alpha-40L USB-C, BT (iOS), NFC, linerless, RTC, display

TECHNICAL SPECIFICATIONS

Print quality

Maximum resolution	203 x 203 DPI
Maximum printing width	10.4 cm
Maximum print height	2.79 m

Printing

Colour	No
Print speed	127 mm/sec
Print technology	Direct thermal
Printable dot numbers	8 dot

Display

Display diagonal	5.84 cm (2.3")
Colour display	Yes
Display resolution	320 x 240 pixels
Backlight display	Yes
Display	LCD

Network

Wi-Fi	Yes

Memory

Internal memory	128 MB
Flash memory	128 MB

Paper handling

Supported paper width	50.8 - 112 mm
Maximum roll diameter	6.7 cm
Autocutter	Yes

Ports & interfaces

Connectivity technology	Wired & Wireless
Bluetooth version	5.0
Bluetooth	Yes
USB port	Yes

Performance

Mobile operating systems supported	iOS
Built-in barcodes	1D, 2D, China post, Code 11, Code 128 (A/B/C), Code 39, Code 49, Code 93, Deutsche Post Identcode, Deutsche Post Leitcode, EAN128, EAN13, EAN14, EAN8, ITF-14, Interleaved 2/5, LOGMARS, Planet, Standard 2/5, TELEPEN, UPC-A
Built-in processor	Yes
Certification	RoHS, WEEE, REACH, China RoHS

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

Page description languages	ESC/POS, TSPL-EZ

Design

Product colour	Black, Grey
Control type	Buttons

Power

Battery voltage	7.4 V
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity	6200 mAh

Technical details

Compliance certificates	China RoHS, REACH, RoHS, WEEE

Operational conditions

Storage temperature (T-T)	-30 - 70 °C
Storage relative humidity (H-H)	10 - 90%
Operating temperature (T-T)	-20 - 50 °C
Operating relative humidity (H-H)	10 - 90%

Weight & dimensions

Width	160 mm
Depth	191 mm
Height	79 mm
Weight	985 g
Package type	Box

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

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website@barcodegenie.co.uk
Scan to view this product online.

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