



Wi-Fi CERTIFIED™ Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA120082

Product Info

Date of Certification	June 8, 2022
Company	TCL Communication Ltd.
Product Name	T501L
Product Model Variant	T501L
Model Number	T501L
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 3
Connectivity	2.4 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Direct®
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-12



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Certification ID: WFA120082



Role: Access Point

Page 2 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Android 12

Wi-Fi Component Firmware

t-neptune-mp-soc1_0e1-2015-
CERVINO_SOC1_0_E1_ASIC-
20211013122101

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

Short Guard Interval

A-MPDU Tx



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Role: Station

Page 3 of 4

Wi-Fi Components

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Passpoint® Release 3

Network Icon support
 Online Sign Up and Policy provisioning
 ANQP-element for OSU provider selection
 Online Sign Up using single SSID
 Venue Information
 Terms and Conditions
 Roaming Consortium Selection

Protected Management Frames

WMM®

WMM®-Power Save

Legacy Power Save
Unschedule auto PS

WPA2™-Enterprise 2018-04

EAP methods

WPA2™-Enterprise 2018-04 (continued)

EAP AKA
 EAP AKA Prime
 EAP SIM
 EAP TLS
 EAP TTLS
 PEAPv0
 PEAPv1

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

EAP methods
 EAP AKA
 EAP AKA Prime
 EAP SIM
 EAP TLS
 EAP TTLS
 PEAPv0
 PEAPv1
 Server Certificate Validation

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED™ b



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA120082



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Page 4 of 4

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

STBC
A-MPDU Tx
Short Guard Interval

Wi-Fi Direct®