



# 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](http://www.wi-fi.org/certification/programs)

## Certification ID: WFA127308

### Product Info

<b>Date of Certification</b>	September 21, 2023
<b>Company</b>	Allied Telesis Holdings K.K.
<b>Product Name</b>	AT-TQ7403
<b>Product Model Variant</b>	New Product Model
<b>Model Number</b>	AT-TQ7403
<b>Category</b>	Routers
<b>Sub-category</b>	Enterprise/Service Provider Access Point, Switch/Controller or Router

### Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Access</b>	Passpoint® Release 3
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Release 2 Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Enhanced Open™ 2021-01
<b>Optimization</b>	WMM® WMM®-Power Save Wi-Fi Agile Multiband™
<b>Security</b>	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2022-12 WPA3™-Personal 2022-06 WPA™-Enterprise



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA127308



## Summary of Certifications (continued)

Page 2 of 5

CLASSIFICATION	CERTIFICATION
Security	WPA™-Personal
Spectrum & Regulatory Features	Spectrum & Regulatory



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA127308



Role: Access Point

Page 3 of 5

## Wi-Fi Components

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

WLAN.HK.2.8-01573-  
QCAHKSUPL\_SILICONZ-2.28823.8 v1

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
6 GHz	2	2

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

WLAN.HK.2.8-01573-  
QCAHKSUPL\_SILICONZ-2.28823.8 v1

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

WLAN.HK.2.8-01573-  
QCAHKSUPL\_SILICONZ-2.28823.8 v1

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
5 GHz	2	2

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz  
40 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz  
40 MHz Channel Width in 5 GHz  
80 MHz Channel Width in 5 GHz

### 6 GHz Spectrum Capabilities

20 MHz Channel Width in 6 GHz

### 6 GHz Spectrum Capabilities (continued)

40 MHz Channel Width in 6 GHz  
80 MHz Channel Width in 6 GHz  
160 MHz Channel Width in 6 GHz

### Passpoint® Release 3

Roaming Consortium Selection  
Terms and Conditions  
Venue Information

### Protected Management Frames

### Spectrum & Regulatory



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Certification ID: WFA127308



### Spectrum & Regulatory (continued)

802.11d  
802.11h

### Wi-Fi Agile Multiband™ (continued)

Fast Transition OTA on WPA2-Enterprise  
Fast Transition OTA on WPA2-Personal

### WMM®

#### WMM®-Power Save

#### WPA2™-Enterprise 2018-04

EAP methods

#### WPA2™-Personal 2021-01

#### WPA3™-Enterprise 2022-12

EAP methods  
192-bit security  
Fast Transition OTA on WPA3-Enterprise  
Fast Transition OTA on WPA3-Enterprise transition mode

#### WPA3™-Personal 2022-06

Fast Transition OTA on WPA3-Personal  
Fast Transition OTA on WPA3-Personal transition mode

#### WPA™-Enterprise

#### WPA™-Personal

#### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list  
Cellular Data aware

### Wi-Fi CERTIFIED 6® Release 2

A-MPDU with A-MSDU  
Basic Trigger frame in HE MU PPDU  
BSRP Trigger frame  
Co-located BSS  
Compressed Block Ack Rx (buffer size 256)  
Compressed Block Ack Tx (buffer size 256)  
DL MU-MIMO  
DL OFDMA  
Individual Target Wake Time  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
MCS 8-9 Tx  
MCS 10-11 Rx  
MCS 10-11 Tx  
MU EDCA Parameter Set element  
MU-BAR Trigger frame  
MU-RTS Trigger frame  
M-BSSID  
Operating Mode indication  
SU beamformer  
SU-MIMO  
TXOP RTS Threshold  
UL OFDMA  
Wi-Fi 6E  
    Multiple M-BSSID  
Wi-Fi 6 Release 2 features  
    UL Extended Range  
    Target Wake Time information frames  
    Extended sleep



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Certification ID: WFA127308



Role: Access Point

Page 5 of 5

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
DL MU-MIMO  
Extended 5 GHz Channel Support  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
RTS with BW Signaling  
Short Guard Interval  
STBC  
SU beamformer

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

A-MPDU Tx  
OBSS on Extension Channel  
Short Guard Interval  
STBC

## Wi-Fi Enhanced Open™ 2021-01