

# 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: WFA111313**

## **Product Info**

Date of Certification	March 25, 2021
Company	ASUSTeK Computer Inc.
Product Name	ROG RAPTURE GT-AXE11000
Product Model Variant	GT-AXE11000; Wireless-AXE11000 Tri-band Gigabit Router, ROG Rapture Tri-band Gaming Router
Model Number	ROG RAPTURE GT-AXE11000
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

## **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® 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
Optimization	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2 <sup>™</sup> -Enterprise 2018-04 WPA2 <sup>™</sup> -Personal 2021-01 WPA3 <sup>™</sup> -Enterprise 2020-02 WPA3 <sup>™</sup> -Personal 2020-12

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## **Role: Access Point**

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<b>RF Architecture</b>		
Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	4	4
5 GHz	4	4
6 GHz	4	4
	Bands Supported 2.4 GHz 5 GHz	Bands SupportedTransmit (Tx)2.4 GHz45 GHz4

### Certifications

2.4 GHz Spectrum Capabilities	WPA2™-Enterprise 2018-04 (continued)
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	EAP methods
5 GHz Spectrum Capabilities	WPA2™-Personal 2021-01
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	WPA3 <sup>™</sup> -Enterprise 2020-02 EAP methods
160 MHz Channel Width in 5 GHz 6 GHz Spectrum Capabilities	WPA3™-Personal 2020-12 Wi-Fi Agile Multiband™
20 MHz Channel Width in 6 GHz 40 MHz Channel Width in 6 GHz	Fast Transition OTA on WPA2-Personal
80 MHz Channel Width in 6 GHz 160 MHz Channel Width in 6 GHz	Wi-Fi CERTIFIED 6® 4 antenna support
Protected Management Frames	A-MPDU with A-MSDU Basic Trigger frame in HE MU PPDU
WMM®	BSRP Trigger frame DL MU-MIMO
WPA2™-Enterprise 2018-04	

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#### Wi-Fi CERTIFIED 6® (continued)

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 Operating mode subfield in A-Control field Operating mode indication Operating mode UL MU Rx SU beamformer SU-MIMO **TXOP RTS Threshold UL OFDMA** Wi-Fi 6E Co-located BSS

#### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

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

#### Wi-Fi CERTIFIED™ b

#### Wi-Fi CERTIFIED™ g

#### Wi-Fi CERTIFIED™ n

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

#### Wi-Fi Enhanced Open™ 2021-01

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