hAP ac

The hAP ac is our most universal home or office wireless device. It is a dual band device with Gigabit ports that allow the full advantages of 802.11ac technology speed, while maintaining compatibility with legacy devices in 2 GHz 802.11 b/g/n and 5 GHz a/n modes.

The omnidirectional antennas allow to mount the hAP ac in any location, and the high power transmitter will ensure good coverage for the mobile devices in your home, office or public location.

- Triple-chain wireless 2.4 GHz
- Triple-chain wireless 5 GHz
- 720 MHz CPU
- 128 MB of RAM
- Five x Gigabit Ethernet ports
- SFP cage
- Passive PoE output on port 5
- USB port for 3G/4G modem



24V 1.2A Power adapter



Other helpful features include a USB port for attaching extra storage or a 3G/4G modem, PoE output on the last Ethernet port, to power other RouterBOARD devices without needing an extra power adapter and a SFP cage, for connecting active or passive optical network modules.

Specifications

Product code	RB962UiGS-5HacT2HnT (International) RB962UiGS-5HacT2HnT-US (USA)			
CPU nominal frequency	720 MHz			
Size of RAM	128 MB			
Storage type	Flash			
Flash size	16 MB			
10/100/1000 Ethernet ports	5			
SFP	1			
Wireless	5 GHz radio		2.4 GHz radio	
Wireless regulations	Specific frequency range may be limited by country regulations			
Operating frequency	International	5150 - 5875 MHz	International	2412 - 2484 MHz
	USA	5170 - 5250 MHz 5725 - 5835 MHz	USA	2412 - 2462 MHz
Protocols	802.11a/n/ac		802.11b/g/n	
Chains	Triple-chain		Triple-chain	
Antenna gain	2 dBi		2.5 dBi	
Wireless chip model	QCA9880		QCA9558	
Antenna beam width	360°			
PoE in	Yes			
PoE out	Yes (Ether5)			
Supported input voltage	11 V - 57 V (Jack or Passive PoE)			
Max Power consumption	17 W			
Extras	USB 2.0 Type A full size port, 700 mA			
Dimensions	114 x 137 x 29mm			
License level	4			
Operating System	RouterOS			

Wireless specifications

RATE (2.4 GHz)	Tx (dBm)	Rx (dBm)
1MBit/s	29	-100
11MBit/s	29	-94
6MBit/s	29	-96
54MBit/s	26	-81
MCS0	29	-96
MCS7	25	-77

RATE (5 GHz)	Tx (dBm)	Rx (dBm)
6MBit/s	28	-96
54MBit/s	25	-81
MCS0	28	-96
MCS7	24	-77
MCS9	21	-72