

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 2GHz 802.11 b/g/n and 5GHz 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 | |
| Operating frequency | International | 5150 - 5875 MHz | International | 2412 - 2484 MHz |
| | USA | 5150 - 5250 MHz 5725 - 5850 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) | RATE (5 GHz) | Tx (dBm) | Rx (dBm) |
|----------------|----------|----------|--------------|----------|----------|
| 1MBit/s | 29 | -100 | 6MBit/s | 28 | -96 |
| 11MBit/s | 29 | -94 | 54MBit/s | 25 | -81 |
| 6MBit/s | 29 | -96 | MCS0 | 28 | -96 |
| 54MBit/s | 26 | -81 | MCS7 | 24 | -77 |
| MCS0 | 29 | -96 | MCS9 | 21 | -72 |
| MCS7 | 25 | -77 | | | |