

# Groove A-5Hn



The Groove is our smallest outdoor series model - a fully featured RouterBOARD powered by RouterOS. Weatherproof, durable and ready to use. It has one 10/100 Ethernet port with PoE support and a built-in 200mW 802.11a/n wireless radio. With the Nv2 TDMA technology, 125Mbit aggregate throughput is possible, limited only by the ethernet port!

The Groove A-5Hn has a RouterOS Level4 license, so you can use it as a wireless access point (or as a client and for point to point links).

It has a built-in N-male connector, so you can attach it to an antenna directly, or use a standard antenna cable. LED signal indicators make it easy to install and align.

The Groove runs RouterOS with all it's features.

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|-----------------------|--|
| CPU                   | Atheros AR7241 400MHz network processor  |
| Memory                | 64MB DDR SDRAM onboard memory  |
| Boot loader           | RouterBOOT   |
| Data storage          | 64MB onboard NAND memory chip  |
| Ethernet              | One 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X, L2MTU frame size up to 2030                        |
| Wireless              | Wireless Built-in 5GHz 802.11a/n 1x1 MIMO, N-male connector  |
| Extras                | Reset switch, Beeper, Voltage monitor, Temperature monitor   |
| LEDs                  | 5 wireless signal LEDs, ethernet activity LED (configurable)   |
| Power options         | Passive 9-30V PoE only. 16KV ESD protection on RF port   |
| Consumption           | Up to 0,19A at 24V (4.56W)   |
| Dimensions            | 177x44x44mm, 193g. Must be mounted with ethernet pointing down   |
| Operating temperature | -30 to +70C  |
| Operating System      | MikroTik RouterOS v5, Level4 license (AP, station, or point-to-point)                                    |
| Package contains      | Groove A-5Hn unit, mounting loops, PoE injector, 24V power adapter                                       |
| RX sensitivity        | <b>802.11a:</b> -93 dBm @ 6Mbps to -77 dBm @ 54 Mbps<br><b>802.11n:</b> -93 dBm @ MCS0 to -71 dBm @ MCS7 |
| TX power              | <b>802.11a:</b> 23dBm @ 6Mbps to 19dBm @ 54 Mbps<br><b>802.11n:</b> 22dBm @ MCS0 to 15dBm @ MCS7         |
| Modulations           | OFDM: BPSK, QPSK, 16 QAM, 64QAM<br>DSSS: DBPSK, DQPSK, CCK   |