# NetMETAL 5

By supporting the 802.11ac wireless standard, the NetMETAL allows to use datarates of up to 1.3Gbps (for the T models), 256-QAM modulation and 20/40/80MHz channels. With it's huge speed improvements, 802.11ac opens up new possibilities.

The NetMETAL is a completely new product in a waterproof enclosure. Its rugged design is made to withstand the toughest conditions, but at the same time is easy to use and can be opened and closed with one hand. The solid aluminium enclosure also works as a reliable heatsink for it's high output power radio.

RB922 models have miniPCI-e slot for another wireless card.

| Order code | RB921UAGS-5SHPacT-NM | RB921UAGS-5SHPacD-NM | RB922UAGS-5HPacT-NM | RB922UAGS-5HPacD-NM |
|---|---|---|---|---|
| CPU | QCA9557 720MHz network processor | | | |
| Memory | 128MB DDR2 onboard memory | | | |
| Ethernet | One Gigabit port with Auto-MDI/X | | | |
| SFP | 1x SFP cage available | | | |
| Extras | Beeper, signal and status LEDs, voltage and temperature sensors | | | |
| Expansion | USB 2.0 port | | USB 2.0 port, 1x MiniPCIe slot, SIM slot (requires 3g miniPCIe card) | |
| Power input | PoE in: 8-30V DC on Ether1 (Non 802.3af) | | | |
| Consumption | 23W | 21W | 23W | 17W |
| Dimensions | 143x247x48mm; Weight: 865g | | | |
| OS | MikroTik RouterOS, Level4 license, free product lifetime upgrdes | | | |
| Kit includes | RB922/R921 outdoor unit, Power adapter 24V 1.2A, PoE injector, miniPCIe mounting screws, DIN rail mount, metal monting ring, 2x plastic mounting loops | | | |

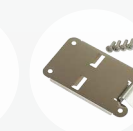| | RB921UAGS-5SHPacT-NM | RB921UAGS-5SHPacD-NM | RB922UAGS-5HPacT-NM | RB922UAGS-5HPacD-NM |
|---|---|---|---|---|
| Wireless | QCA9880 5GHz 802.11ac | QCA9882 5GHz 802.11ac | QCA9880 5GHz 802.11ac | QCA9882 5GHz 802.11ac |
| Chains | Triple chain | Dual chain | Triple chain | Dual chain |
| Connector type | RP-SMA Female (outside thread) | | | |
| Connectors | 3x | 2x | 3x | 2x |
| TX/RX at MCS0 | 33dBm / -96dBm | 32dBm / -96dBm | 32dBm / -96dBm | 30dBm / -96dBm |
| TX/RX at MCS7 | 31dBm / -77dBm | 29dBm / -77dBm | 29dBm / -77dBm | 27dBm / -77dBm |
| TX/RX at MCS9 | 27dBm / -71dBm | 25dBm / -72dBm | 24dBm / -72dBm | 22dBm / -72dBm |
| TX/RX at 6Mbit | 33dBm / -96dBm | 33dBm / -96dBm | 33dBm / -96dBm | 31dBm / -96dBm |
| TX/RX at 54Mbit | 31dBm / -81dBm | 29dBm / -81dBm | 29dBm / -81dBm | 27dBm / -81dBm |
| Frequency range | 4920-6100 MHz, Operating range limited by Country Regulations | | | |



| 24V 1.2A Adapter | Mounting loops | Metal ring | Gigabit PoE injector | DIN mount | miniPCI screws |

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