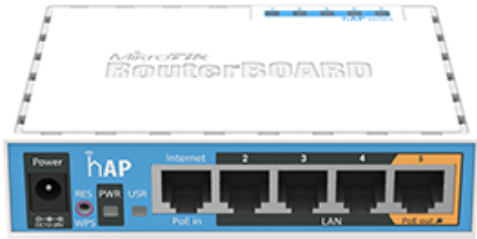


# RB951UI-2ND

## Mikrotik HAP RB951UI-2ND



|        |             |
|--------|-------------|
| Model  | RB951UI-2ND |
| Brend  | Mikrotik    |
| WIFI   | WiFi4       |
| Tezlik | 2.4Ghz      |

### Specification

| Specifications                    |                                    |
|-----------------------------------|------------------------------------|
| Product code                      | RB951UI-2nD                        |
| Architecture                      | MIPSBE                             |
| CPU                               | QCA9531                            |
| CPU core count                    | 1                                  |
| CPU nominal frequency             | 650 MHz                            |
| Switch chip model                 | QCA9531                            |
| Dimensions                        | 113 x 89 x 28mm                    |
| RouterOS license                  | 4                                  |
| Operating System                  | RouterOS                           |
| Size of RAM                       | 64 MB                              |
| Storage size                      | 16 MB                              |
| Storage type                      | FLASH                              |
| MTBF                              | Approximately 100'000 hours at 25C |
| Tested ambient temperature        | -30°C to 70°C                      |
| Wireless capabilities             |                                    |
| Wireless 2.4 GHz Max data rate    | 300 Mbit/s                         |
| Wireless 2.4 GHz number of chains | 2                                  |
| Wireless 2.4 GHz standards        | 802.11b/g/n                        |
| Antenna gain dBi for 2.4 GHz      | 1.5                                |
| Wireless 2.4 GHz chip model       | QCA9531                            |
| Wireless 2.4 GHz generation       | Wi-Fi 4                            |
| Ethernet                          |                                    |
| 10/100 Ethernet ports             | 5                                  |
| Peripherals                       |                                    |
| Number of USB ports               | 1                                  |
| USB Power Reset                   | Yes                                |

| Specifications                          |                        |
|-----------------------------------------|------------------------|
| USB slot type                           | USB type A             |
| Max USB current (A)                     | 1                      |
| Powering                                |                        |
| Number of DC inputs                     | 2 (DC jack, PoE-IN)    |
| DC jack input Voltage                   | 10-28 V                |
| Max power consumption                   | 5 W                    |
| Cooling type                            | Passive                |
| PoE in                                  | Passive PoE            |
| PoE in input Voltage                    | 10-28 V                |
| PoE-out                                 |                        |
| PoE-out ports                           | Ether5                 |
| PoE out                                 | Passive PoE            |
| Max out per port output (input 18-30 V) | 500 mA                 |
| Max total out (A)                       | 500 mA                 |
| Certification & Approvals               |                        |
| Certification                           | CE, FCC, IC, EAC, ROHS |
| IP                                      | IP20                   |

| 2.4 GHz  | Transmit (dBm) | Receive Sensitivity |
|----------|----------------|---------------------|
| 1MBit/s  | 22             | -96                 |
| 11MBit/s | 22             | -89                 |
| 6MBit/s  | 20             | -93                 |
| 54MBit/s | 18             | -74                 |
| MCS0     | 20             | -93                 |
| MCS7     | 16             | -71                 |