



SNR Wi-Fi routers


# SNR Wi-Fi

## Advantages of SNR


- Our company develops and manufactures its own line of client routers tailored to the needs of telecommunications operators. We support technologies that are in high demand among internet service providers, ensuring high stability and performance of network solutions that meet the latest market requirements
- A functional and open operating system that enables diagnostics of issues within the client's home network
- Active software development with regular releases featuring new functionality
- Our company develops and manufactures its own line of client routers tailored to the needs of telecommunications operators. We support technologies that are in high demand among internet service providers, ensuring high stability and performance of network solutions that meet the latest market requirements

## Individual approach


- Custom packaging design (for orders of 5000 units or more)
- Customization of the router's web interface
- Regular updates of the customized software version in parallel with the main branch
- Version control and whitelisting of available software during updates via the web interface



Our website  
[snr.global](https://snr.global)



Any questions?  
[support@snr.support](mailto:support@snr.support)



Do you have a bug  
report?  
[snr.support](https://snr.support)



SNR Wi-Fi



# Functional capabilities

Remote configuration using TR-069 (CWMP)

Internet access management by schedule

Coverage extension using Mesh

Seamless roaming (IEEE 802.11 k/r/v)

Support for IGMP Proxy/IGMP Snooping

VLAN support

Support for L2TP/PPTP/PPPoE/IPoE, IPv6/IPv4 Dual Stack






Multigigabit Ethernet

# SNR KEEP AX10

The multi-gigabit model is recommended for large spaces with complex layouts and networks with a high number of devices.




2.4 GHz 2T2R (up to 574 Mbit/s)



5 GHz 2T2R ax (up to 2402 Mbit/s)



1xWAN 2.5Gbps / 1xLAN 1 Gbps



Mesh

## Main features

Soc	ARM 1.3GHz
RAM capacity / Flash	256 Mb / 128 Mb
Wireless interface	IEEE 802.11b/g/n/ax, 2T2R, 2.41-2.47GHz, 20 dBm IEEE 802.11a/an/ac/ax, 2T2R, 5.1-5.8GHz, 20 dBm
Antennas	4x5dBi, omnidirectional
LAN ports	1x10/100/1000 Mbit/s
WAN ports	1x10/100/1000/2500 Mbit/s
Roaming	802.11k/v/r
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	12V DC, 1A





Gigabit Ethernet

# SNR KEEP AC10

The gigabit model is recommended for large spaces with complex layouts and networks with a high number of devices



2.4 GHz 2T2R (up to 300 Mbit/s)



5 GHz 2T2R ac Wave 2 (up to 867 MBit/s)



1xWAN / 1xLAN Gigabit Ethernet



Mesh

## Main features

Soc	MIPS 880MHz Dual Core
RAM / Flash capacity	128 Mb / 16 Mb
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz, 20 dBm IEEE 802.11a/an/ac Wave 2, 2T2R, 5.1-5.8GHz, 20 dBm
Antennas	4x5dBi, omnidirectional
LAN ports	4x10/100/1000 Mbit/s
WAN ports	1x10/100/1000 Mbit/s
Roaming	802.11k/r/v
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	12V DC, 1A



Gigabit Ethernet

# SNR AX2

The flagship gigabit model with Wi-Fi 6 support provides the highest wireless connection performance in the SNR-CPE lineup



2.4 GHz 2T2R  
(up to 574 MBit/s)



5 GHz 2T2R ax  
(up to 2402 MBit/s)



1xWAN / 4xLAN  
Gigabit Ethernet



Mesh

## Main features

Soc	ARM 1,3GHz
RAM / Flash capacity	256 Mb / 128 Mb
Wireless interface	IEEE 802.11b/g/n/ax, 2T2R, 2.41-2.47GHz, 20 dBm IEEE 802.11a/an/ac/ax, 2T2R, 5.1-5.8GHz, 20 dBm
Antennas	4x5dBi, omnidirectional
LAN ports	4x10/100/1000 Mbit/s
WAN ports	1x10/100/1000 Mbit/s
Roaming	802.11k/v/r
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supplyPower supply	12V DC, 1A





Gigabit Ethernet

# SNR-CPE-ME2-SFP Lite

The recommended model for mass connections using Optical Ethernet technology (1000BASE-X) with an SFP module



2.4 GHz 2T2R  
(up to 300 MBit/s)



5 GHz 2T2R ac Wave 2  
(up to 867 MBit/s)



1xSFP WAN / 4xLAN  
Gigabit Ethernet



Mesh

## Main features

Soc	MIPS 880MHz Dual Core
RAM / Flash capacity	128 Mb / 16 Mb
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz, 20 dBm IEEE 802.11a/an/ac Wave 2, 2T2R, 5.1-5.8GHz, 20 dBm
Antennas	4x5dBi, omnidirectional
LAN ports	4x100/1000 Mbit/s
WAN ports	1xSFP 100/1000BASE-X
Roaming	802.11k/r/v
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	12V DC, 1,5A



Gigabit Ethernet

# SNR ADVANCE AC22

The recommended model for mass gigabit connections (1000Base-T)



2.4 GHz 2T2R  
(up to 300 MBit/s)



5 GHz 2T2R ac Wave 2  
(up to 867 MBit/s)



1xWAN / 4xLAN  
Gigabit Ethernet



Mesh

## Main features

Soc	MIPS 880MHz Dual Core
RAM / Flash capacity	128 Mb / 16 Mb
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz, 20 dBm IEEE 802.11a/an/ac Wave 2, 2T2R, 5.1-5.8GHz, 20 dBm
Antennas	4x5dBi, omnidirectional
LAN ports	4x10/100/1000 Mbit/s
WAN ports	1x10/100/1000 Mbit/s
Roaming	802.11k/r/v
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	12V DC, 1A





Fast Ethernet

# SNR MD2

The recommended model for mass connections with speeds up to 100 MBit/s



2.4 GHz 2T2R  
(up to 300 MBit/s)



5 GHz 2T2R ac Wave 2  
(up to 867 MBit/s)



1xWAN / 4xLAN  
Gigabit Ethernet



Mesh

## Main features

Soc	MIPS 580MHz
RAM / Flash capacity	64 Mb / 16 Mb
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz, 20 dBm IEEE 802.11an/ac Wave 2, 2T2R, 5.1-5.8GHz, 20 dBm
Antennas	4x5dBi, omnidirectional
LAN ports	4x10/100 Mbit/s
WAN ports	1x10/100 Mbit/s
Roaming	802.11k/r/v
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	12V DC, 1A



Fast Ethernet

# SNR ADVANCE AC12

The recommended model for mass connections with speeds up to 100 MBit/s



2.4 GHz 2T2R  
(up to 300 MBit/s)



5 GHz 2T2R ac Wave 2  
(up to 867 MBit/s)



1xWAN / 4xLAN  
Gigabit Ethernet



Mesh

## Main features

Soc	MIPS 580MHz
RAM / Flash capacity	128 Mb / 16 Mb
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz, 20 dBm IEEE 802.11an/ac Wave 2, 2T2R, 5.1-5.8GHz, 20 dBm
Antennas	4x5dBi, omnidirectional
LAN ports	4x10/100 Mbit/s
WAN ports	1x10/100 Mbit/s
Roaming	802.11k/r/v
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	12V DC, 1A





Fast Ethernet

# SNR-CPE-W4N (rev. N)

The model is recommended for installation in residential areas, for users with predominantly 2.4 GHz clients



2.4 GHz 2T2R  
(up to 300 MBits/s)



1xWAN / 4xLAN  
Fast Ethernet

## Main features

Soc	MIPS 580MHz
RAM / Flash capacity	64 Mb / 8 Mb
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz, 20 dBm
Antennas	2x5dBi, omnidirectional
LAN ports	4x10/100 Mbit/s
WAN ports	1x10/100 Mbit/s
Roaming	802.11k/r/v
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	5V DC, 1A



Fast Ethernet

## SNR ADVANCE N13

The model is recommended for installation in residential areas, for users with predominantly 2.4 GHz clients



2.4 GHz 2T2R  
(up to 300 Mbits/s)



1xWAN / 4xLAN  
Fast Ethernet

### Main features

Soc	MIPS 580MHz
RAM / Flash capacity	64 Mb / 8 Mb
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz, 20 dBm
Antennas	2x5dBi, omnidirectional
LAN ports	3x10/100 Mbit/s
WAN ports	1x10/100 Mbit/s
Roaming	802.11k/r/v
Mesh	Yes (cable, wireless)
Management	Web SSH TR-069 Android APP
Power supply	5V DC, 1A





LTE

# SNR LTE

The SNR LTE router provides connectivity in cases where access to traditional fixed networks is unavailable or when the fixed connection is unstable and requires a backup LTE connection



2.4 GHz 2T2R  
(up to 300 Mbit/s)



LTE cat.4  
up to 150 Mbit/s



1xWAN / 2xLAN  
Fast Ethernet



Nano SIM




Removable  
antennas

## Main features


Soc	MIPS 580MHz
RAM / Flash capacity	64 Mb / 16 Mb
LTE wireless interface	LTE cat.4 up to 150 Mbit/s LTE-FDD:B1/B3/B5/B7/B8/B20/B28 LTE-TDD:B38/B40/B41 WCDMA:B1/B8 GSM:900/1800
Wireless interface	IEEE 802.11b/g/n, 2T2R, 2.41-2.47GHz
Antennas	4x5dBi, omnidirectional detachable (SMA-male/female)
LAN ports	2x10/100 Mbits/s2x10/100 Mbits/s
WAN ports	1x10/100 Mbits/s
Management	Web / SSH / TR-069
SMS / USSD	Да
Power supply	12V DC, 1A

# Useful resources


## Warranty obligations and support




2 years of warranty support



Technical support at [snr.support](https://snr.support)



Software development and maintenance



Release of fixes upon bug detection



# CPE-Config application

## All necessary functions

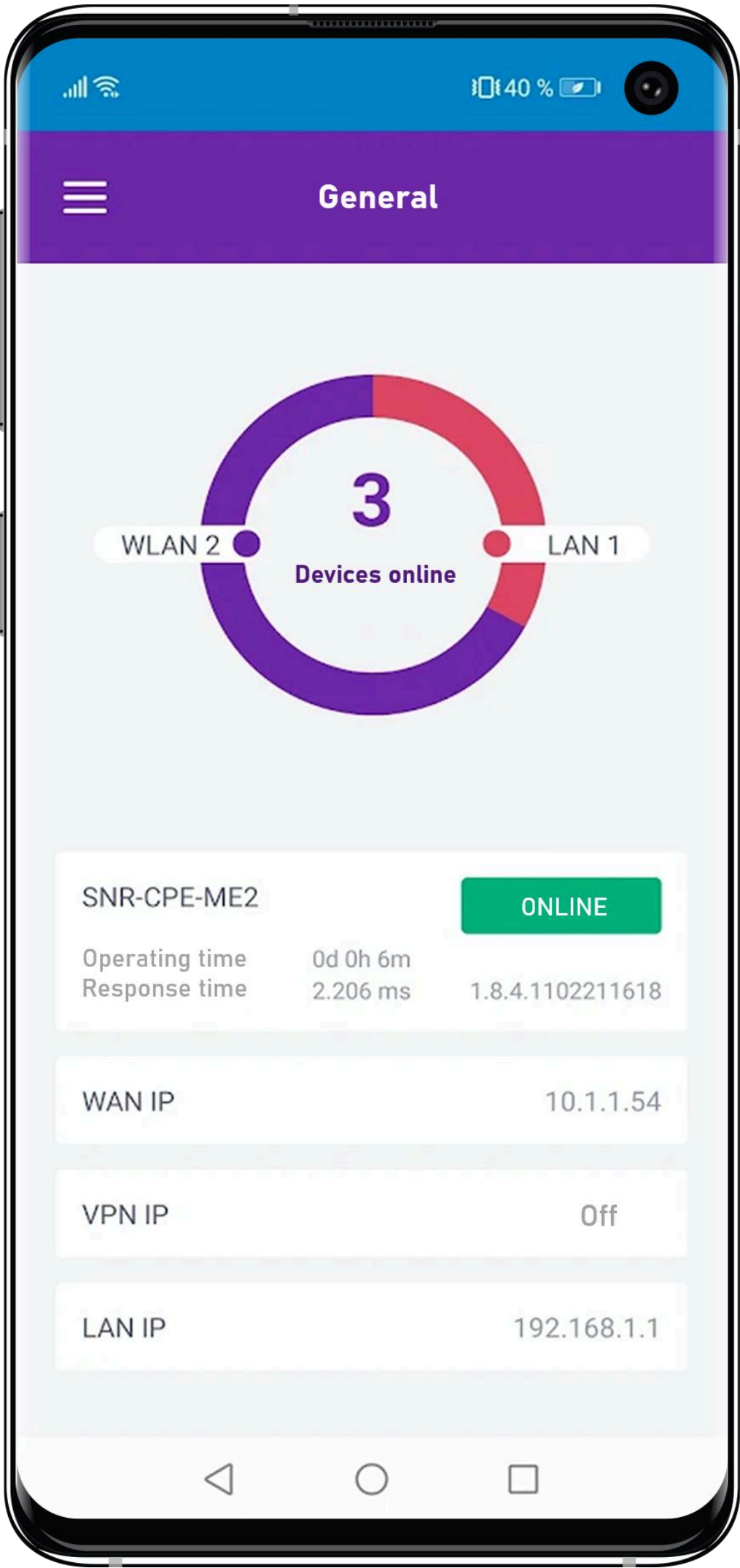
Quick setup wizard, WAN connection setup, wireless networks, TV, VLAN configuration, etc.

## Additional features

View connected clients, updates, diagnostics, configuration backup/restore, etc.

## Mass application of settings

Configure all functions without waiting for a reboot and apply them at once





# About the company



Since its establishment in 2006, the company has become one of the leading global suppliers of networking and switching equipment, with its own research and development (R&D) and manufacturing facilities.

SNR offer a wide range of our own products and turnkey solutions to meet the needs of clients.

- Data transmission networks and corporate IT infrastructure
- Solutions for mobile operators
- Optical transport networks (DWDM)
- Data center solutions
- Cloud solutions and network security
- Voice and unified communication solutions

Commitment to continuous development and innovation enables us to provide our clients with the most modern and efficient solutions.



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