

Qualitel 4 Ports Ethernet WLAN ADSL2+ Router (RN243R4-2T2R-A6-V3)



The routers are high-speed ADSL2+ Router that is specifically designed to connect to the Internet and to directly connect to your local area network (LAN) via high-speed 10/100 Mbps Ethernet connection and/or Wireless 802.11n. The ADSL2+ modem is compatible with the latest ADSL standards, including ADSL2 and ADSL2+, and supports up to 24 Mbps down-stream and 1.5 Mbps upstream to deliver true broadband speed and throughput.

ADSL Standard

- ◆ ITU-T G.992.1(G.dmt)
- ◆ ANSI T1.413 Issue 2
- ◆ G.992.2 (G.lite)
- ◆ G.994.1 (G.hs)
- ◆ Auto-negotiating rate adaptation
- ◆ ADSL2 G.dmt.bis (G.992.3)
- ◆ ADSL2 G.lite.bis (G.992.4)
- ◆ ADSL2+ (G.992.5)

Software Features

- ◆ RFC-1483/2684 LLC/VC-Mux bridged/routed mode
- ◆ RFC-1577 Classical IP over ATM
- ◆ RFC-2516 PPPoE
- ◆ RFC-2364 PPPoA
- ◆ ITU-T 1.610 F4/F5 OAM send and receive loop-back
- ◆ 802.1d Spanning-Tree Protocol
- ◆ DHCP Client/Server/Relay
- ◆ NAT
- ◆ RIP v1/v2
- ◆ DNS Relay Agent
- ◆ DMZ support
- ◆ IGMP Proxy/Snooping
- ◆ Stateful Packet Inspecti

- ◆ Protection against Denial of Service attacks
- ◆ IP Packet Filtering
- ◆ QoS
- ◆ Dynamic DNS
- ◆ UPnP support
- ◆ IPV6 supported

Wireless Standard

- ◆ IEEE 802.11n compliance. Backwards compatible with 802.11b/g
- ◆ Support WiFi ON/OFF switch button
- ◆ Support WiFi WPS switch button
- ◆ Support 802.11n : Up to 300Mbps
- ◆ Supports 802.11g data rates of up to 54 Mbps with automatic fallback to 48, 36, 24,18, 12, 9, and 6 Mbps
- ◆ Supports 802.11b data rates of up to 11 Mbps with automatic fallback to 5.5, 2, and 1 Mbps
- ◆ Supports long and short preamble modes
- ◆ Compliant transmit modulation accuracy and transmit power spectral density
- ◆ IEEE 802.11i Security supports 64/128-bits WEP, WPA, WPA2, WPS and WDS
- ◆ MAC Address Filter
- ◆ Multi-SSID
- ◆ IEEE 802.11e QoS enhancement (WMM)

Management

- ◆ Web-based Configuration
- ◆ Menu-driven Command-line Interpreter
- ◆ Telnet Remote Management
- ◆ SNMP v1/v2/Trap
- ◆ Firmware upgrade through FTP, TFTP and HTTP
- ◆ Configuration backup/restore
- ◆ Diagnostic Tool
- ◆ TR069 supported

ETHERNET INTERFACE

- ◆ Support 4 ports Ethernet Interface 10/100 Mbps auto selection which compliant with IEEE 802.3x standards
- ◆ Ethernet port supports Automatic MDI/MDI-X configuration transceiver

Operating Frequency / Channel

- ◆ USA (FCC) 11 Channels: 2.412GHz ~ 2.462GHz
- ◆ Europe (ETSI) 13 Channels: 2.412GHz ~ 2.472GHz
- ◆ Japan 14 channels: 2.412GHz ~ 2.484GHz
- ◆ Multi-SSID
- ◆ IEEE 802.11e QoS enhancement (WMM)

Hardware interface

- ◆ 1 Power jack
- ◆ 1 Power switch to power on /off device
- ◆ 1 Reset button to factory defaults
- ◆ 1 RJ11 phone jacks for ADSL connection
- ◆ 4 Ethernet jack for LAN ports connection
- ◆ 1 WiFi WPS switch button
- ◆ 1 WiFi ON/OFF switch button
- ◆ 2 External 5dBi fixed antennas

