

N300 ADSL2/2+ Modem Router

ST-WM307N



Product Overview

ST-WM307N ADSL2/2+ Modem Router is an All-in-One device that combines the functions of a high-speed DSL modem and a 4-Port 10/100Mbps NAT 300Mbps 11n/g/b wireless router. It is designed to give you a one-stop solution to acquire and share high speed internet access over a wired/wireless network.

By supporting the latest ADSL standards, ST-WM307N brings with much higher speed than a dial-up connection without tying up the phone line.

Features:

- PPPoE, PPPoA, IPoE WAN connection.
- DHCP Server and DHCP Relay, 802.1q VLAN
- NAT and NAPT, DDNS, DNS, QoS, DoS
- ALG: TFTP/FTP/SIP/RTSP/L2TP/PPTP/IPSEC/H323
- Virtual Server and Port Trigger, Parent Control
- Web based GUI TR069/ SNMP / Web / Telnet / SSH / FTP / TFTP /SNMP/ UPnP
- MAC filter, IP filter and URL filter
- 64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2

Technical Specifications

Item	Description	
BASIC Information	Dimension	135*120*32mm
	Weight	300g
System Information	Main Chipset	Realtek RTL8676S+RTL8192ER+RTL8271B
	DRAM	32M
	Flash	4M
	Wi-Fi Chipset	RTL8192ER
	Wi-Fi Bands&Speed	802.11b/g/n 2*2, 300Mbps
External Connectors	RJ45	4*10/100Mbps LAN
	RJ11	1*RJ11 WAN for ADSL
	USB	No
	Button	1*WPS/Reset,1*WLAN
	LED	Power/WAN/LAN/WiFi/WPS/DSL
	FXS Port	No
	Power Jack	1*DC Power Jack
	z	1*Power Button
	Antenna	2*external 5dbi fixed antennas
Software Features	Login Information	IP:192.168.1.1 User/Password: admin/admin
	WAN Type	PPPOE/DHCP/Bridge
	LAN Configuration	DHCP server, Option 60/15/42/50/250, and management of multiple address pools DHCP Relay, compatible with RFC2131, RFC951, RFC1542 Static uplink, configuring of static IP address, subnet mask, DNS, and gateway
	WiFi Configuration	SSID/Password/Encryption Mode/WiFi Channel/WiFi Band width configuration

Technical Specifications

Item	Description	
Software Features	ADSL Features	RFC 2684 Multiprotocol Encapsulation over ATM Adaptation Layer 5 RFC1483 Multiprotocol Encapsulation over ATM Adaptation Layer 5 RFC2516 PPP over Ethernet (PPPoE) RFC1662 PPP in HDLC-like Framing RFC1332 PPP Internet Protocol Control Protocol RFC894 A Standard for the transmission of IP Datagrams over Ethernet Networks RFC1042 A Standard for the transmission of IP Datagrams over IEEE 802 Networks MER (IP over Ethernet over AAL5) PPTP, L2TP, IPSec, and SIP application layer gateway (ALG) Self-learning bridge (IEEE 802.1D Transparent Bridging) Support at least 64 learning MAC addresses RFC768 User Datagram Protocol (UDP) RFC791 Internet Protocol (IP) RFC792 Internet Control Message Protocol (ICMP) RFC793 Transmission Control Protocol (TCP) RFC826 An Ethernet Address Resolution Protocol (ARP) RFC862 Echo Protocol G.992.1 (T1.413) G.992.2 (G.dmt), G.lite G.992.3 (G.bis/ADS L2) G.992.5 (ADSL2+) Annex L (reach extended ADSL2) ATM forum UNI3.0, 3.1 and 4.0 permanent virtual circuits (PVCs) CBR, UBR, VBR-rt and VBR-nrt ITU-T i.610F4/F5 OAM IP routing
	Advanced Features	ALG: TFTP/FTP/PPTP/RTSP/L2TP/H323 DNS agent Manual configuration of DNS QoS: –Interface management, supporting strict-priority (SP) and DWRR scheduling modes –Queue management, supporting eight priority queues –Flow classification management Static routing management, supporting up to 16 entries of static routing configuration DMZ

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 soltek مارک و برند ثبت شده و متعلق به شرکت سومیکو بوده و هر گونه کپی برداری پیگرد قانونی دارد.

Technical Specifications

Item	Description	
Software Features	Security Features	MAC address filtering in the whitelist mode Anti-DoS, independent switch for each protection item, and anti-port-scanning switch IP filtering, security level configuration, blacklist and whitelist based on WAN/LAN end (each list supporting up to 20 entries of IP filtering configuration) URL filtering, blacklist and whitelist filtering, supporting up to 20 URL entries
	Management Features	Device Configuration, Management and Update Web based GUI Localization support Embedded web server Download image via HTTP, TFTP server, FTP server Command Line Interface via serial port, telnet, or ssh Menu-driven CLI via serial port or telnet Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0) WAN Management Protocol (TR-069) SNMP v1/v2 PSI configuration file upload and download Date/time update from SNTP Internet Time Server
Environment Requirement	Operating Temperature	0°C—40°C
	Storage Temperature	-20°C—70°C
	Operating Humidity	10%—95%, non-condensing
	Storage Humidity	5%—95%, non-condensing
	Power Supply	12V DC/0.5A



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