

4G/LTE Dual-SIM Dual-Band Wireless VPN Router

PRODUCT OVERVIEW

The AP-LT4505N supports the state-of-the-art 4G/LTE network, which is reliable, scalable and flexible for indoor applications. Embedded with 4G/LTE module and Gigabit EWAN interfaces, the AP-LT4505AN enables high-speed and secured Internet connectivity for home, SOHO, and enterprise users. With an integrated dual-band wireless access point and 4-port Gigabit Ethernet LAN, the AP4505AN can run both 2.4GHz and 5GHz to maximum wireless speed 1.2Gbps (867Mbps at 5GHz, 300Mbps at 2.4GHz) and 10 times faster LAN connection than the regular Fast Ethernet LAN.



FEATURES

- High speed 4G/LTE module.
- Gigabit Ethernet WAN and LAN.
- Dual-Band wireless reaches 1.2Gbps.

SECURE VPN CONNECTIONS :

- Embedded IPSec, GRE, Open VPN, PPTP, L2TP with powerful encryption.

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Ipv6 SUPPORT :

- IPv4, IPv6, IPv4/ IPv6 dual stack.

USB Storage/ NAS :

- Embedded SAMBAserver, FTPserver Ideal for SOHO, office, and home users.

KEY FEATURES AND HIGHLIGHTS

4G LTE Mobility-

- With 4G/LTE-based Internet connection (embedded 4G/LTE module), users can access the Internet while sitting on anywhere.

Single Radio/ Dual SIMs -

- The Dual-SIM provides failover feature to keep Internet connectivity if primary SIM loses connectivity.

Automatic Failover/Failback between 4G/LTE and Gigabit EWAN -

- Uniquely embedded with 4G/LTE and Gigabit EWAN interfaces, AP-LT4505AN ensures a seamless Internet connectivity by featuring superior Failover/Failback functionality between 4G/LTE and EWAN. Either wired or wireless connection can be set up as primary or backup WAN port. When the main WAN interface fails, the secondary WAN interface will automatically back up the connection to ensure an always-on connectivity.

Dual-Band Wireless Mobility and Security -

- With an integrated dual-band wireless access point, AP-LT4505AN runs both 2.4GHz and 5GHz simultaneously that the combined throughput can reach 1.2Gbps (867Mbps at 5GHz, 300Mbps at 2.4GHz). Multiple SSIDs with Client Isolation to enhance the level of transmission security and access control over the Wireless LAN. The network manager can assign different policies and functions for each SSID, increasing the flexibility and efficiency of the network infrastructure.

Secured VPN connection -

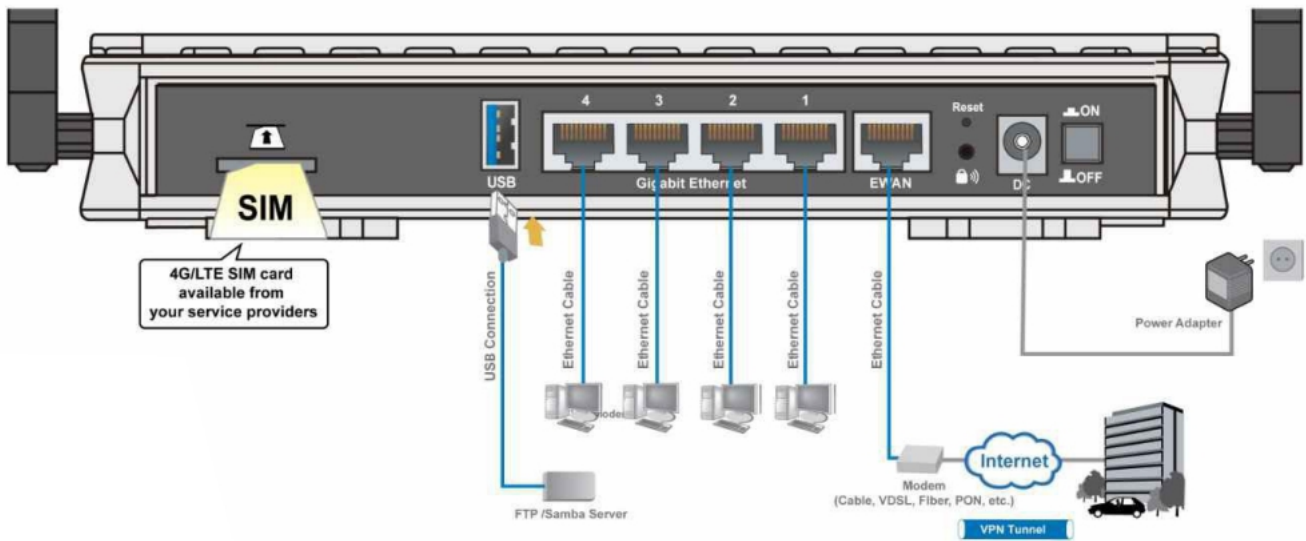
- Supporting comprehensive and robust VPN (Virtual Private Network) protocols including IPSec, OpenVPN, GRE, PPTP, L2TP, AP-LT4505AN allows users can establish private and encrypted data transmission tunnels over the public Internet between headquarter and branch offices. With a built-in DES/3DES VPN accelerator, AP-LT4505AN dramatically enhances IPSec VPN performance.

PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-LT4505N
High Speed Mobile Wireless Communication	Embedded high performance 4G/LTE module High performance external antenna
Embedded 4G LTE	Frequency bands and data rate depend on equipped LTE module.
Network Protocols and Features	Dual WAN Failover/ Failback IPv4, IPv6, IPv4/IPv6 dual stack Dual APN Keep Alive IP Pass-Through NAT, Virtual Server and DMZ Static Routing, Dynamic Routing (RIP v1/v2, OSPF, BGP) SNTP, DNS relay and DDNS Universal Plug and Play (UPnP) compliant Supports DHCP server/ client/ relay
Firewall	Built-in NAT Firewall Stateful Packet Inspection (SPI) Prevents DoS attacks including Land Attack, Ping of Death, etc. Access Control IP Filtering, MAC Filtering, URL Filtering VPN pass-through
Virtual Private Network	IPSec PPTP L2TP GRE OpenVPN
Wireless LAN	IEEE 802.11a/b/g/n/ac compliant Concurrent dual-band 802.11a/n/ac(5GHz) and 802.11b/g/n(2.4GHz) Up to 867Mbps wireless operation rate at 5GHz Up to 300Mbps wireless operation rate at 2.4GHz 64/128 bits WEP supported for encryption Wireless security with WPA-PSK, WPA2-PSK, Mixed WPA/WPA2-PSK WPS (Wi-Fi Protected Setup) for easy setup Multiple wireless SSIDs Wireless MAC Filtering Wireless Client Isolation Supports WDS repeater function
USB Applications Server	Storage/NAS: FTP server, SAMBA server
Management	Password protection for system management Quick installation wizard Web-based GUI for remote and local management Firmware upgrades and configuration data upload and download via Web-based GUI TR-069 (CWMP) *2, SNMP 3G/ 4G LTE Usage Allowance Syslog monitoring Physical layer/protocol diagnostic test tool Scheduling Auto-Reboot
Hardware Specifications	
Physical Interface	Two (2) detachable high performance 4G LTE antennas Two (2) detachable 5GHz antennas Two (2) internal 2.4GHz antennas Four (4) Gigabit Ethernet auto-crossover (MDI/MDI-X) switch One (1) USB 2.0 host type A Two (2) 2FF mini-SIM slot One (1) 2FF mini-SIM slot Factory default reset button Wireless on/off and WPS push button Power jack for DC input
Physical Specifications	Dimensions: 9.04" x 6.10" x 1.69" (229.5 mm x 155 mm x 43mm)
Power Requirements	Input: 15V DC, 1.6A
Operating Environment	Operating temperature: 0°C ~ 40 °C Storage temperature: -20°C ~ 70 °C Humidity: 20% - 95% non-condensing

Connection Diagram



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