

3G MOBILE ROUTER

A-LINK®



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WNAP(c)

A-LINK WNAP(c) is 11n WLAN AP router with highly advanced 3G USB modem support. You can easily get all your computers to the Internet using your existing 3G connection and / or DSL/Cable connection. All supported 3G modems are auto-detected in defaults. You can also keep your 3G USB modem as failover for your DSL/Cable connection. Wireless LAN connection security is pre-configured and ready to use. Router has many advanced configuration possibilities to many environments to be used.

Product specification :

• Standard :

IEEE 802.11n / 300Mb
IEEE 802.11g / 54Mb
IEEE 802.11b / 11Mb

• Other Standards :

IEEE 802.11e (WMM)
IEEE 802.3x
IEEE 802.3u
IEEE 802.11f (IAPP)
IEEE 802.1x (Radius)

• Frequency band :

2.4 GHz ISM Band

• Wireless data rate :

Up to 300 Mbps at 40MHz channel
Up to 150 Mbps at 20MHz channel
Channel / Data rate changeable
RF output power changeable
2x2 MIMO technology

• Wireless features :

Operation Mode : AP / Client (WISP) / WDS / AP+WDS
Support Multiple AP (5pcs)
Network type: Infrastructure / AdHoc
SSID broadcast (yes/no)
MAC clone
Universal repeater mode
WDS
WISP
Wireless schedule

• Security :

64 bit / 128 bit WEP Encryption
WPA (TKIP/AES) Encryption
WPA2 (TKIP/AES) Encryption
Radius server support
WPS
IP- filtering
Port filtering
URL- filtering
MAC- address filtering
Trigger port
NAT
SPI- firewall

• Range :

100-280 meters (depends on surrounding)

• Receiver sensitivity :

-64dBm @ 300 Mbps
-79dBm @ 54 Mbps
-80dBm @ 11 Mbps

• 3G WAN support for :

- A-LINK	- Huawei	- Option
- ZTE	- Nokia	- Novatel
- Sierra	- Solomon	- Sony Ericsson
- Full list of supported 3G modems: http://www.a-link.com/wnap		

• 3G WAN features :

- Authentication number
- Username / Password
- APN
- PIN code
- Band selection (3G / 2G / Auto)
- Connection type (continuous / manual)
- 3G information
- Keep alive HSPA
- 3G WatchDog
- 3G modem-, ISP default PIN code- and APN auto-detection

• Support also :

Bridging and routing
LAN side: DHCP server / DHCP client / static DHCP
WAN side: Static IP / DHCP client / PPPoE / PPTP / 3G
UPnP
DDNS
IGMP proxy
QoS support
NTP
NAT Loopback
Virtual server
VPN- passthrough (IPsec,PPTP,L2TP)
DMZ- hosting
File / FTP server (USB memory)
802.1d with spanning tree protocol
WatchDog -feature
3G failover (WAN DHCP client)
VLAN function
Static Route (edit the routing table)
QoS function Update; it can control bandwidth by IP and MAC address

• Antenna :

2 pcs external antenna with SMA- connector
(can be changed)

• RF max. output power :

14 dBm at 11n / 11g
17 dBm at 11b

• Management :

Web based management and configuration
Setup wizard
Log table and remote log services
Firmware upgradeable

• Connectors :

1pcs 10/100Mb RJ-45 (WAN)
4pcs 10/100Mb ethernet switch RJ-45 (LAN)
1pcs USB 2.0 port
2pcs SMA connectors (Antenna)
WPS button
Reset button

• LED Indicators :

PWR / LAN / WLAN / WPS / WAN

• Power Adapter :

Input: AC 100-240V, 50-60Hz
Output: DC 12V / 1A

• Compliance :

FCC, CE, RoHS

• A-LINK Retail package contains :

- WNAP
- 2x Antennas (SMA)
- Power supply
- CD (Manual)
- Installation guide

• Ean / Order code :

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