AWAPN2403.a

Portable Pocket 11n/g/b 300Mbps with USB AP Router

USB connect Web camera, Hard disk, WiFi USB dongle, 3G dongle

1. Description:

The Tiniest Portable Pocket 300Mbps AP Router can be linked with Web Camera, LTE, USB WiFi LAN Card, 3G USB, Wimax as WAN, Hard disk, Printer.

2. Features:

- Advanced Multi-Functions USB 2.0 port: Web camera, LTE , USB WiFi LAN Card, 3G USB, Wimax as WAN, Hard disk, Printer
- Supports DDNS
- Gaming Optimized: Giga LAN Ethernet (Optional)
- Multiple Wireless network BSSID (4 groups)
- MIMO 300Mbps
- Portable Pocket Tiny size 86(L) x 55(W) x 17(H) mm
- Supports WEB based management and configuration.
- Supports UPnP, IGMP Snooping & Proxy.
- Supports Dynamic DNS, NTP client service.
- Supports Log table and remote Log service.
- Supports Setup Wizard mode.
- Supports Wireless schedule.
- Compatible with IEEE 802.11b/11g/11n Specifications.
- Supports IEEE 802.3x full duplex flow control on 10/100M Ethernet interface.
- Supports bridging, routing and WISP functions between wireless and wired Ethernet interfaces.
- Supports IEEE 802.1x, 64-bit and 128-bit WEP, WPA, WPA2 encryption/decryption and WPA with Radius.
- Supports DHCP server to provide clients auto IP addresses assignment and static DHCP functions.
- Supports DHCP client, static IP, PPPoE, PPTP, L2TP of WAN Interface.
- Supports firewall security with port filtering, IP filtering, MAC filtering, port forwarding, URL Filtering and DMZ hosting functions.
- Supports AP mode, Client mode, WDS, AP+WDS and Universal Repeater.
- Supports QoS which controls the bandwidth by IP or MAC address.
- Supports Denial-of-Service.
- Supports WPS (Wi-Fi Protected Setup).

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- Supports WAPI (Wireless Authentication Privacy Infrastructure).
- Supports Green Ethernet, IEEE802.3az draft2.0, EEE (Energy Efficient Ethernet).

3. Specification:

Hardware	
Chipset	RT3052 for 2T2R 300Mbps
Operation Mode	3 sections switch, Client, AP/Bridge, Router
Interface	RJ45 x 2: 1 WAN, 1 LAN
Reset and WPS button	1 button
RF output and Antenna	2 inner Antennas
Sensitivity	-76dBm @ 54Mbps: 11g
	-91dBm @ 11Mbps: 11b
	-74dBm @ 135Mbps: 11n
Power Consumption	Voltage: 5V±5%
Dimension, L x W x H	89 (L) x 58(W) x 15(H)mm
Weight	15g
Radom Material	ABS
Operating Temp	0℃~ +50℃
Storage	-10℃~ +65℃
Humidity	5%~98% non-condensing
Software	
Standard	IEEE 802.11b/g, 802.11n
Radio type	IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK)
	IEEE 802.11b: DSSS(CCK/DQPSK/DBPSK)
Data Rate	IEEE 802.11n: 300Mbps
	IEEE 802.11g: 54Mbps
	IEEE 802.11b: 11Mbps
Access Protocol	CSMA/CA
Number of operation channel	2.412~2.462GHz (Canada, FCC) / 11 Channels
	2.412~2.484GHz (Japan, TELEC) / 14 Channels
	2.412~2.472GHz (Euro, ETSI) / 13 Channels
WAN	• DHCP Client • Static IP • PPPoE (for ADSL) • L2TP

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	• PPTP
Networking	• DHCP Client/Relay/Server • Dynamic DNS • NTP Client • DNS Cache/Proxy • Firewall: ➢ MAC/IP/Port Filter ➢ Virtual Server ➢ DMZ • Content Filter
WIFI	• 2 Transmit and 2 Receive paths (2T2R) • 20MHz/40MHz bandwidth • Support Multiple SSID • Support Hidden SSID • Support WPS • Clock rate up to 400MHz Legacy and High Throughput Modes • High security: WEP64/128,TKIP, WPA,WPA2 AES, mixed, 802.11i • 802.1X Authentication with RADIUS Client • QoS-WMM, WMM-PS • Support WDS
Security	WEP 64/128、WPA、WPAII、WPA-PSK、802.1x support
OS support	Windows 7, Vista32/64, XP32/64, 2000, Linux 2.6, Mac 10.4

4. Package Content

● AWAPN2403.a   ● Power Adaptor
● Quick Installation guide   ● CD-ROM (Driver, User Manual)

5. Order Information

1. 300Mbps 2T2R with embedded antennas with USB port.   AWAPN2403.a

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FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is
subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause
undesired operation.

This device must be installed to provide a separation distance of at least 20 cm from all persons
and must not be collocated or operating in conjunction with any other antenna or transmitter.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party
responsible for compliance could void the user's authority to operate the equipment.