

# AIRTIES RT-205 125Mbps Wireless ADSL2+ 1 Port Router

- ADSL2+ (24Mbps/4Mbps)
- PSTN and ISDN support (Annex A & Annex B in a single device)
- 125Mbps wireless G++ technology
- AirTies Mesh Technology
- Automatic Wireless Security Setup
- Advanced security with anti-DoS SPI Firewall
- Internet access control on URL, IP or MAC address-basis
- ADSL Usage Monitor
- Universal Plug & Play
- Easy Setup CD (with animated instructions)
- Automatic Firmware Updates
- 1 Ethernet port
- Splitter included
- 3 year warranty
- 24x7 technical support



## Wireless Internet freedom

AirTies RT-205 125 Mbps Wireless ADSL2+ 1 Port Router is an all-in-one solution for Internet connectivity in your home or office. With the **RT-205**, you can easily set up your wireless network and ADSL service. Once configured, you can access the Internet over the wireless network from any location in your home or office and share the Internet connection between up to 253 computers.

The RT-205 offers both **Annex A and Annex B support**. With this AirTies patent pending technology, your router works with either traditional PSTN or digital ISDN phone lines and you don't have to worry about which product would be the right one for your ADSL connection type.

**AirTies RT-205** supports G++, one of the latest wireless technologies. With G++, you can achieve significantly faster wireless data rates (up to 125Mbps) without sacrificing connection quality or network security. In addition, you can enjoy wider wireless coverage area compared to earlier wireless technologies. To take advantage of the G++ feature, wireless devices in your network need to support this technology as well.

The RT-205 supports AirTies Mesh Technology which resolves wireless problems such as loss of wireless signal or limited coverage area, often encountered in multiple storey, stone or reinforced concrete buildings. With Mesh Technology, all video broadcast and ADSL based/originated IPTV can now be distributed wirelessly within consumer homes no matter the building structure.

The advanced wireless security standards supported by the AirTies RT-205 (WPA, WPA2, WEP and 802.1x) and the anti-DoS SPI Firewall provide you with the highest level of data protection. The firewall also allows URL, IP and MAC-address based Internet access controls.

With the RT-205, you don't need to worry about the details of wireless security setup. The AirTies Utility Program automatically configures your wireless security settings. A wireless network key is created, stored on your router and also entered into your computer automatically. Unless you share your network key with someone else, no one else can access the Internet through your wireless network and put you at risk by unauthorized use.

The **Automatic Firmware Upgrade** feature informs the user when a new firmware version is available and, if the user chooses to, automatically upgrades the router with the new firmware. With the latest firmware on your device, you have the advantage of using the latest technologies and maximizing the performance of your device.



## Main Features

- All-in-one solution: ADSL2+ Router, 125Mbps Wireless Access Point, Firewall, 1 Ethernet port
- ADSL2+ Technology: High speed Internet with 24Mbps download and 4Mbps upload speeds
- Annex A and Annex B support: works with either the traditional PSTN or digital ISDN phone lines
- High speed wireless with G++: 125 Mbps wireless Access Point (when used with other AirTies wireless devices that also support 125Mbps). Also, backward compatible with 802.11b/g.
- Advanced Wireless Security: Latest wireless security technologies that support WPA (Wi-Fi Protected Access), WPA2 (IEEE 802.11i), WEP (Wired Equivalent Privacy) encryption and 802.1x standards
- Maximum Wireless Access range and Mesh Technology: Ranges of up to 400 meters outdoors and 100 meters indoors standard. Extendible with AirTies Mesh Technology, using additional AirTies wireless access point devices.
- Automatic Wireless Key Setting: Automatic Wireless Security configuration for the router and the PC using the AirTies ADSL Utility.
- Advanced Firewall for maximum security: Advanced anti-DoS SPI Firewall; URL, IP and MAC address based filtering, DMZ
- Quick and easy installation with the Easy Setup CD
- Automatic Firmware updates: Automatic firmware update support through the AirTies ADSL Utility
- ADSL Usage Monitor: Especially useful for limited quota ADSL subscribers. Reports monthly total download and upload amounts and current download rate.
- DHCP server, advanced router with NAT, NAT, RIPV1/v2 support
- 8 Channel PVC support
- VPN pass-through
- Robust against AC voltage fluctuations: Specially designed to withstand wide voltage fluctuations
- Wired device support: Connect a wired device directly to the 10/100Mbps Ethernet port or multiple devices via a switch.
- Web based user interface
- 24x7 technical support by a highly trained AirTies support team and backed up by the AirTies R&D team
- 3 year extended warranty

## Technical Properties

- ADSL properties: G.992.1 Annex A, B (G.DMT), G.992.2 (G.Lite), G.992.3 (ADSL2), G992.4 (G.Lite.bis), G.992.5 (ADSL2+), Rate Adaptive DSL (RADSL), READSL, Traffic shaping UBR/CBR, OAM (I.610), support for 8 PVCs
- ATM support: PPPoE, PPPoA, RFC1483 Bridging, RFC1483 Routing, Classical IP over ATM, PAP/CHAP, RFC 2364 PPP over AAL5, RFC2366 Multicast over ATM,
- 802.11b/g and G++ wireless networks: 1, 2, 5.5, 6, 9, 11, 12, 24, 36, 48, 54 Mbps speed (automatic speed adjustment) and 125 Mbps G++ mode
- Wireless Output Power: 20dBm EIRP
- Wireless security options: WPA (802.1x, TKIP, PSK) ; WPA2 (AES); 64/128 bit WEP, wireless MAC address filtering, SSID hiding
- Frequency interval: ETSI 2400 MHz(min)- 2483.5 MHz(max) (13 channels with 3 not overlapping)
- Router and Firewall: SPI firewall; IP and MAC address filtering; URL filtering; Port forwarding; DMZ; VPN Pass Through (PPTP, L2TP, IPsec); Static Routing, RIPv1, RIPv2 forwarding; DNS Proxy; DHCP server and client; NAT/NAPT; PPP (PAP/CHAP/MSCHAP); IP multicast IGMP V1&V2 proxy
- Remote Management: SNMP and TR-069
- UPnP : Universal Plug&Play
- Reset button to return the router to default settings
- Operating Voltage Range: 120V AC to 240V AC
- Cabling: RJ-45 (Ethernet), RJ-11 (ADSL)
- LEDs: PWR - Power, ADSL - ADSL signal , PPP - Internet connection, WLAN – Wireless network activity, LAN – Local network activity
- Compatible with Windows 98, ME, 2000, 2003, XP, Vista, UNIX, Linux, MAC OS
- Certificates: CE

## Physical Characteristics

- Dimensions: 155mm x 125mm x 25mm
- Weight: 450 g
- Power: 12Volt
- Adapter operating voltage: Between 120V and 240V
- Operating Temperature: 0°C - 40°C
- Storage Temperature: -40°C - 70°C
- Humidity: %10 - %90

## Minimum System Requirements

- In order to configure your AirTies RT-205 router, you will need a PC with an Ethernet card or wireless network adapter and runs any version of Windows or Unix, Linux, or Mac operating systems.
- Windows 98/ME/2000/XP/Vista for running the AirTies Utility software
- The router does not need to be connected to a PC during normal operation.

## Package Contents

- AirTies RT-205 125Mbps Wireless ADSL2+ 1 Port Router
- Power adapter
- Ethernet cable
- Standard telephone/DSL cable (1 long and 1 short)
- Splitter
- AirTies Easy Setup CD
- User Manual