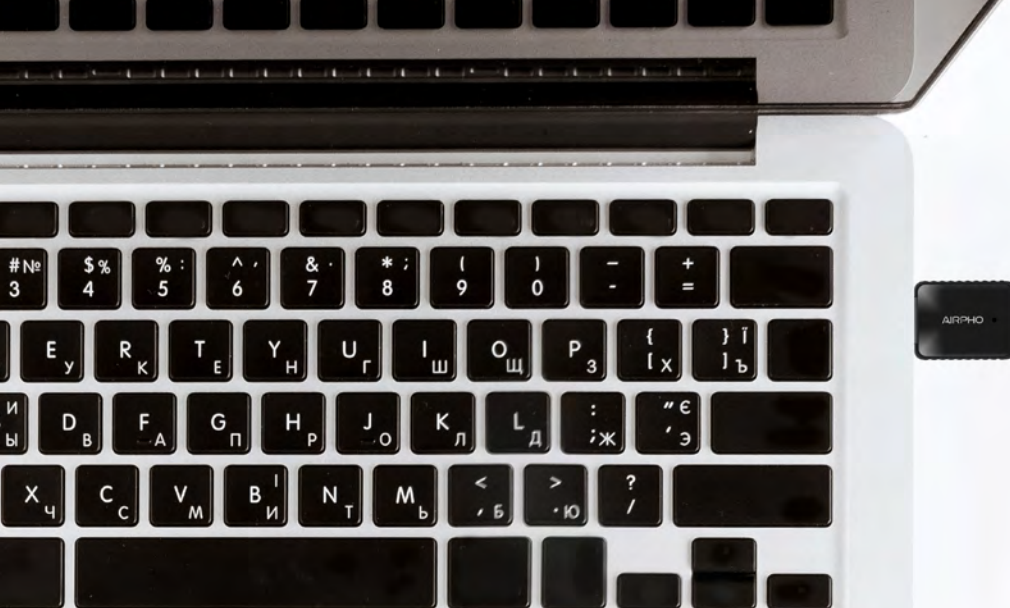


AIRPHO[®]
Always Connected



AR-A300

AC600 Wireless Dual Band USB Adapter

The AR-A300 provides an easy way to enable computer or even older laptops to access network with the 802.11AC Wi-Fi technology. Its compact design makes it easy to take on the road.





Highlights

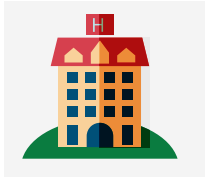
- **Faster Data Transfer Speed**

Comes with the next generation Wi-Fi - 802.11AC, delivering data transfer rate 3 times faster than the older 802.11N standard.

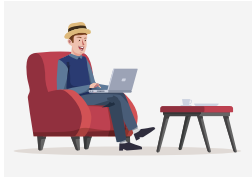
- **Great System Compatibility:**

The adapter is compatible with major OS including Windows 10, 8.1, 8, 7, XP, Mac OS X 10.7~10.10 and Linux.

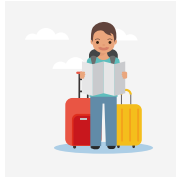




Travel



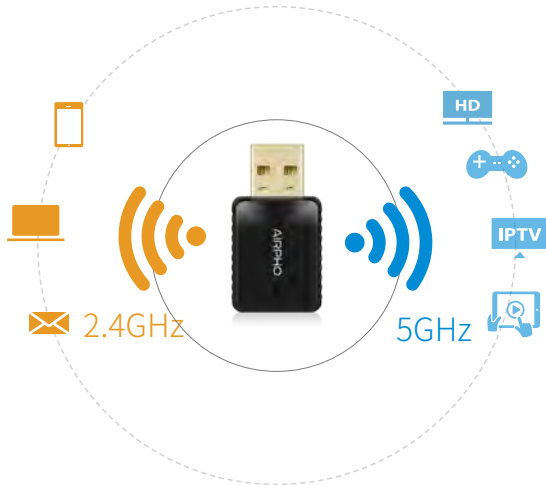
Coffee House



Hotel

- **Miniature Design for Easy Portability**

The AR-A300 is designed in a compact size for easy portability. Great for travelers or people who work outside office.



- **Selectable 2.4GHz & 5GHz Dual Bands**

Provides highest wireless speeds of 433 Mbps over the 5 GHz band, and 150Mbps over 2.4 GHz band.

Specifications

Hardware Features																			
Interface	USB 2.0																		
Dimensions (W x D x H)	36mm x 19mm x 9 mm																		
Antenna Type	2 Internal 2dBi Antennas																		
Wireless Features																			
Wireless Standards	IEEE 802.11ac, IEEE 802.11a, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b																		
Frequency	5 GHz, 2.4 GHz																		
Signal Rate	<table border="0"> <tr> <td>5GHz</td> <td>2.4 GHz</td> </tr> <tr> <td>11ac: Up to 433 Mbps</td> <td>11n: Up to 150 Mbps</td> </tr> <tr> <td>11n: Up to 150 Mbps</td> <td>11g: Up to 54 Mbps</td> </tr> <tr> <td>11a: Up to 54 Mbps</td> <td>11b: Up to 11 Mbps</td> </tr> </table>	5GHz	2.4 GHz	11ac: Up to 433 Mbps	11n: Up to 150 Mbps	11n: Up to 150 Mbps	11g: Up to 54 Mbps	11a: Up to 54 Mbps	11b: Up to 11 Mbps										
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Reception Sensitivity	<table border="0"> <tr> <td>5GHz:</td> <td>2.4 GHz:</td> </tr> <tr> <td>11a 6 Mbps: -94dBm</td> <td>11b 1 Mbps: -99dBm</td> </tr> <tr> <td>11a 54 Mbps: -78dBm</td> <td>11b 11 Mbps: -91dBm</td> </tr> <tr> <td>11n HT20 MCS0: -94dBm</td> <td>11g 6 Mbps: -94dBm</td> </tr> <tr> <td>11n HT20 MCS7: -77dBm</td> <td>11g 54 Mbps: -77dBm</td> </tr> <tr> <td>11n HT40 MCS0: -92dBm</td> <td>11n HT20 MCS0: -95dBm</td> </tr> <tr> <td>11n HT40 MCS7: -74dBm</td> <td>11n HT20 MCS7: -76dBm</td> </tr> <tr> <td>11ac VHT80 MCS0: -89dBm</td> <td>11n HT40 MCS0: -92dBm</td> </tr> <tr> <td>11ac VHT80 MCS9: -64dBm</td> <td>11n HT40 MCS7: -73dBm</td> </tr> </table>	5GHz:	2.4 GHz:	11a 6 Mbps: -94dBm	11b 1 Mbps: -99dBm	11a 54 Mbps: -78dBm	11b 11 Mbps: -91dBm	11n HT20 MCS0: -94dBm	11g 6 Mbps: -94dBm	11n HT20 MCS7: -77dBm	11g 54 Mbps: -77dBm	11n HT40 MCS0: -92dBm	11n HT20 MCS0: -95dBm	11n HT40 MCS7: -74dBm	11n HT20 MCS7: -76dBm	11ac VHT80 MCS0: -89dBm	11n HT40 MCS0: -92dBm	11ac VHT80 MCS9: -64dBm	11n HT40 MCS7: -73dBm
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Transmit Power	<20dBm (EIRP)																		
Wireless Security	Support 64/128 bit WEP, WPA-PSK/WPA2-PSK, 802.1x																		
Modulation Technology	DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM																		

Others	
Certification	CE
Package Contents	Wireless Adapter AR-A300, Quick Installation Guide, Resource CD
System Requirements	Windows 10, 8.1, 8, 7, and Windows XP (32/64bit), Mac OS X 10.7~10.10, Linux
Environment	Operating Temperature: 0 C ~40 C (32 F ~104 F) Storage Temperature: -40 C ~70 C (-40 F ~158 F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing