**Dual-Band 1300Mbps AC Wireless USB Adapter**

**2.4Ghz and 5Ghz for congestion free WiFi**

**WL700-ART-AC1300**

**Description**

The Dynamode WL700-ART-AC1300 is a USB 1300Mbps 5G/2.4G WiFi Adapter for Desktop and Notebook computers. The mini adapter is a 802.11AC Compatible High-Gain, High-Performance Dual-Band Wireless Adapter. It allows an instant WiFi upgrade to your laptop, PC, Mac, Notebook or Media device via the USB 3.00 port to allow a vastly superior WiFi signal via its high-gain External 5Dbi antenna. It can operate up to speeds of 1300Mbps. It Supports MU-MIMO function, and fast downloading with Beam Forming function capability. It’s ideal for streaming media and gaming.

The WL700-ART-AC1300 USB 3.0 is fully compatible with Windows, MAC OS X and Linux, and is compact enough so that it can be used as a direct replacement for your internal Wireless device and provides a safe WIFI experience.

**Features**

* Supports MU-MIMO function
* Supports Beam Forming function
* Complies with IEEE 802.11ac/a/b/g/n standards
* External 5Dbi high gain antena
* Dual Band – works over 2.4GHz and 5GHz bands.
* Speeds up to 400Mbps on 2.4GHz and 867Mbps on 5GHz
* Works with all existing network infrastructures.
* Mini size,easy-to-install, plug and play
* Wireless security supports 64/128 WEP, WPA/WPA2, WPA psk/WPA2 psk (TKIP/AES),
* Supports IEEE 802. 1x
* Supports Windows, Mac OS, Linux Kernel
* Plug n’Play USB3.0 interface

**Specifications**

|  |
| --- |
| WIFI Feature |
| Standards |  IEEE 802.11ac,IEEE 802.11a, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b |
| Wireless Signal Rates WithAutomatic Fallback |  11ac: Up to 867Mbps(Dynamic)11n: Up to 300Mbps (Dynamic) 11g: Up to 54Mbps (Dynamic) 11b: Up to 11Mbps (Dynamic) |
| Chipset | RTL8812BU |
| Frequency Range |  2.4-2.4835GHz/5.15-8.825GHz |
| Data rate |  2.4G: 300Mbps |
|  5G: 867Mbps |
| Wireless Transmit Power |  18dBm (EIRP) |
| Modulation Type |  DBPSK,DQPSK,CCK, OFDM，256AQM |
| Receiver Sensitivity | 867M:-53dBm@10%PER300M: -68dBm@10% PER54M: -72dBm@10% PER11M: -85dBm@8% PER |
| Work Mode | Ad-Hoc Infrastructure  |
| Wireless Security | WPS,64/128bit WEP,WPA/WPA2,WPA-PSK/WPA2-PSK(TKIP/AES) |
| Support OperatingSystem | Windows VISTA/Win7/Win8/Win8.1/Win10/Linux/Macintosh |
| Hardware Feature |
| Interface | USB3.0 connector |
| Antenna Type | Internal PIFA 2dbi antena+detachable 5dBi antenna |
| Dimensions  | 47\*20.5\*12mm |
| Other |
| Package Content | 1PCS OF USB adapter1PCS OF Setup CD（include User Manual） |
| Operating Temperature |  0°C~40°C  |
| Storage Temperature |  -20°C~60°C  |
| Relative Humidity |  10% ~ 90%, non condensation |
| Storage Humidity |  5%~95% non-condensing |