

**UltraSky M27*****Dual band 300M Wireless USB Adapter***

- 300M Wireless USB Adapter, 2.4/5.8GHz, 802.11a/b/g/n
- WPA data security, TKIP/AES encryption, 64/128-bit WEP encryption
- Provides Soft AP, Supports PSP connection
- Detachable Antenna
- Chipset Ralink 3572L

**Description:**

The Wireless USB Adapter gives you the flexibility to install the PC or notebook PC in the most convenient location available, without the cost of running network cables. Its auto-sensing capability allows high packet transfer up to 300Mbps for maximum throughput, or dynamic range shifting to lower speeds due to distance or operating limitations in an environment with a lot of electromagnetic interference. It can also be compatible with all the 11/54Mbps wireless (802.11b/g) products.

Features:

- ✓ Supports 64/128-bit WEP, complies with 128 bit WPA standard(TKIP/AES)
- ✓ Supports 270/243/216/162/108/81/54/27/135/121.5/108/81/54/40.5/27/13.5/130/117/104/78/52/39/26/13/65/58.5/52/39/26/19.5/13/6.5/54/48/36/24/18/12/9/6/11/5.5/2/1Mbps wireless LAN data transfer rates
- ✓ Provides Soft AP, supports PSP connection
- ✓ Supports Ad-Hoc and Infrastructure modes



- ✓ Supports roaming between access points when configured in Infrastructure mode
- ✓ Eases to configure and provides monitoring information
- ✓ Supports Windows 2000/XP/VISTA/Win7/Linux/ Macintosh
- ✓ Detachable Antenna

Specifications:

Software Specification	
Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a
Wireless Signal Rates With Automatic Fallback	11n: Up to 300Mbps (Dynamic) 11a: Up to 300Mbps (Dynamic) 11g: Up to 54Mbps (Dynamic) 11b: Up to 11Mbps (Dynamic)
Frequency Range	2.412-2.462GHz , 5.180-5.240GHz 5.745-5.825GHz
Crystal	40MHz
Modulation Type	DBPSK,DQPSK,CCK, OFDM
Receiver Sensitivity	270M: -75dBm@10% PER 54M: -75dBm@10% PER 11M: -85dBm@8% PER
Work Mode	Ad-Hoc Infrastructure
Wireless Security	64/128 bit WEP WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Support Operating System	Windows 2000/XP/VISTA//Win7/Linux/Macintosh
Hardware Specification	
Interface	USB2.0 Hi-Speed connector
Antenna Type	Detachable Omni-directional Antenna(5dbi)
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Weight	0.3 kg
Dimensions	80mm × 24mm × 11 mm

This device complies with Part 15 of the FCC Rules Operation is subject to the following conditions:

1 This device may not cause harmful interference

2 This device must accept any interference received, including interference that may cause undesired operation.

This device is going to be operated in 5.15~5.25GHz frequency range, it is restricted in indoor environment only.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

FCC RF Exposure Information and Statement

The device meets the government requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emissions limits for exposure to radio frequency energy set by FCC of US government. The specific absorption rate (SAR) limit set by FCC is 1.6 W/kg.

SAR Compliance has been established in the host products, tested at 5 mm separation distance to the human body, and tested with USB slot configurations including horizontal-up, horizontal-down, vertical-front and vertical-back.