**Wi-Fi**

1.Primarily associated with computer networking,

2.consists of a wired connection to the Internet, leading to a wireless router that transmits and receives data from

3.individual devices, connecting them not only to the outside world but also to each other. Wi-Fi range is generally wide enough for most homes but range extenders may be placed strategically to extend the signal.

**Bluetooth**

1.Bluetooth is much more local

2.Bluetooth uses a low-power signal with a maximum range of 50 feet

3.As with other wireless technologies, Bluetooth speed increases with each revision of its standard but requires up-to-date equipment at both ends to deliver the highest possible speed.

4.Bluetooth revisions are capable of using maximum power only when it's required, preserving battery life.

**WiMAX**

1. WiMAX can potentially deliver data rates of more than 30 megabits per second, providers offer average data rates of 6 Mbps and often deliver less, making the service significantly slower than hard-wired broadband. The actual data rates available to someone using WiMAX can vary widely with their distance from the transmitter.

2. WiMAX would operate similar to WiFi but at higher speeds and over greater distances

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1.

**Model:** 7inova™ 300Mbps Wireless N USB Adapter

**Description:** Works with any 2.4Ghz wireless g/n routers Max. wireless connection speed: 300Mbps Supports both infrastructure and ad-hoc modes

**Cost:** $20

**Link**: http://www.amazon.com/Panda-Wireless-PAU06-300Mbps-Adapter/dp/B00JDVRCI0

2.

**Model:** 7inova™ 300Mbps Wireless N USB Adapter

**Description:** 300Mbps Wirelesss Speed, compliant with any brand 2.4Ghz 802.11n/g/b router With 2dbi external detachable antenna

**Cost:** $20

**Link**: <http://www.amazon.com/gp/product/B00P9IYPF4/ref=pd_lpo_sbs_dp_ss_3?pf_rd_p=1944687702&pf_rd_s=lpo-top-stripe-1&pf_rd_t=201&pf_rd_i=B00FADTN14&pf_rd_m=ATVPDKIKX0DER&pf_rd_r=1VZAN0Z96362YPR1A149>