Netgear R6250 AC1600 Vs AC1750 Archer C7 Dual Band Wireless AC Router

Overview

One of the ways of the manufacturers to keep their users loyal to their products is by providing many variant products with slightly different specifications. As with the router products, the manufacturers offer lots of router option with the wireless ac technology. As with Netgear that introduces several variants of wireless ac routers with different speeds, you can opt the router based on the number of users may optimally connect to the router concurrently. Even though in the market each of them has different customer ratings from low to high rate. R6300 router has much better customer rating than the R625o.

There is also manufacturer who only offers limited product variants but the responses from the users are excellent with extraordinary customer rating of always above 4 out of 5 stars. Medialink N150 wireless router and also wireless N300 routers both become best sellers in some online stores like Amazon.

How Netgear R6250 competes with other wireless ac routers in the market like TP-link Archer C7? Unlike other manufacturers, TP-link is

several months late in producing wireless router with 802.11ac technology.

Comparison Table

As with other wireless ac routers, the maximum speed in 5GHz band is up to 1300Mbps theoretically. Some routers have different speeds in 2.4GHz band based on how many spatial data streams they are engineered.

Antennas

TP-link Archer C7 is engineered by adding three external antennas for 5GHz frequency band, but for 2.4GHz band the router is built with 3xinternal antennas. Some people presume that router with external antennas is much better delivering the signal than the internal antennas. In some cases it's not always true, just look at Medialink N150 with internal antennas that have a very solid wifi connection in the real world (based on excellent customer ratings).

USB port

One major different between the routers is about the USB port. Unlike other Netgear routers with USB 2.0 port, the R6250 comes with one USB

3.0 port which is ten times much faster data rate throughput than USB 2.0 port. However, you should attach USB 3.0 storage for taking benefit of high speed of USB 3.0 technology, for example WD My Passport 2TB which is very popular external disk storage with USB 3.0. This WD disk is very popular and becomes one of best seller disk storage in online stores with excellent customer ratings.

Currently the speed of USB 3.0 is around 4.8Gbps and the upcoming USB technology in the next 2014 the speeds of USB 3.0 will be doubled up to 10Gbps. Will you demand this super-speed storage for your daily home business?

TP-link Archer C7 on the other hand includes two USB 2.0 ports you can concurrently connect the storage and printer. Even though the storage doesn't support high speed of USB 3.0 port, you still can take advantage of its function of media and FTP server same as with Netgear.

Comparison Netgear R6250 Vs Archer C7

	TP-link Archer	Netgear R6250
Wireless speed	1300Mbps (5GHz) 450Mbps (2.4GHz)	1300Mbps(5GHz) 300Mbps (2.4GHz)

Antennas	3x external 5dBi antennas (5GHz) and 3x internal antennas (2.4GHz)	Internal antennas (Tx/Rx)- 2×2 (2.4 GHz) + 3×3 (5 GHz)
Ethernet ports	4xGigabit LAN and 1xGigabit WAN interfaces	4xGigabit LAN and 1xGigabit WAN interfaces
USB Port	2x USB 2.0 for storage and printer – FTP and media server	1xUSB 3.0 for storage and printer with DLNA media server
Wifi – Power On-Off buttons	Wifi On-Off button Power On-Off Switch	Wifi On-Off button
Guest network	Guest network each band;	Guest network each band;

Other features between both routers are common features mostly home routers support such as industrial wifi security, guest network, dual firewall, and more.

TP-link Configuration

How to access the configuration menu? From your web browser you can type http://tplinklogin.net. The default user name and password is "admin". The default SSID name each of the 2.4GHz and 5GHz band is TP-LINK_2.4GHz_xxxxxx and TP-LINK_5GHz_xxxxxx respectively and you need to change this SSID name with the unique name within your network environment.

Both routers support mobile devices connection such as Android or iPad.

Source : http://www.pickmodemrouter.com/10-best-wireless-routers/