

## Netgear Intros Orbi Wifi 6 Mesh System

Written by Alice Marshall  
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Netgear announces the Orbi Wifi 6 Mesh System (model RBK850) at IFA 2019-- a solution bringing a "new standard for wireless networks" designed to handle the bandwidth demands of the modern home.



According to the Company, the Orbi Wifi 6 mesh system has the capacity to support the traffic generated by the many connected devices in the home, including those running high-bandwidth applications such as 4K UHD video streaming. Using Wifi 6, it promises x4 the network capacity of previous products using Wifi 5 (aka 802.11ac), while using the same 4x4 backhaul as the previous Orbi mesh networking product, the RBK50.

The wireless backhaul of the latest system totals 2.4Gbps (4x4:4/80MHz 802.11ax). Clients get 4x4:4 streams from satellite or router, with one set of spatial streams dedicated to 2.4GHz/1.2Gbps connectivity and the other to 5GHz/2.4Gbps. It also supports a wired backhaul, if with the dedicated wireless backhaul spatial streams disabled.

"Netgear is pleased to be the first to bring to market the next generation mesh system capable of bringing multi-gigabit internet speeds to every corner of your home solving the need for greater speed, coverage and connection capacity," the company says. "We are building multi-gigabit highways to the internet. Netgear launched our first Orbi Whole Home WiFi Mesh System in 2016 and introduced the world to the power of our patented tri-band mesh WiFi with a dedicated backhaul. Now in an era where there are more devices than ever competing for bandwidth, home WiFi networks are grinding to a halt. Only Orbi Wifi 6, with x4 the network capacity of Wifi 5 (802.11ac) can solve this problem."

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The Orbi Wifi 6 mesh system is available from October 2019.

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