

Broadcomm Announces 5G Wifi Wave 2

Written by Marco Attard
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Broadcom launches the 5G Wifi Wave 2 solutions portfolio for enterprise wireless access points, with new chipsets including the BCM43465 (4x4 11ac MU-MIMO) and BCM43525 (3x3 11ac MU-MIMO).



The company claims the BCM43465 is the first to support 2.2Gbps and four concurrent MU-MIMO (multi-user, multiple input, multiple output) devices, providing the enterprise market with the highest density of client support.

Further boosting performance is the use of 160MHz, allowing devices to fully utilise available bandwidth, as well as NitroQAM 1024-QAM technology (promises 25% throughput boost over 802.11ac's 256-QAM) and the Advanced Spectrum Capture Engine (AsCE) identifying and adjusting against non-wifi interference.

Another Wave 2 addition is the BCM47452-- the lowest-power, smallest and most affordable SoC from the company featuring 2 radios, power amplifiers and a CPU on a single device.

"We're leaving no stone unturned in our mission to drive the transition to 802.11ac across all segments and markets," Broadcom says. "We intend to continue doing so by offering differentiated, comprehensive solutions that assure our OEMs have future-proof solutions that provide end users the quality, reliability and capacity they increasingly demand across high-density applications."

The Broadcom Wave 2 is currently in sampling phase.

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