

# Qualcomm Atheros Announces HomePlug AV2 Chip

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[Qualcomm](#) [1] (Amsterdam) recently announced that its subsidiary, Qualcomm Atheros, has introduced a new HomePlug AV2 product, the QCA7500, to deliver Gigabit-class performance and optimal coverage throughout the home using existing electrical wiring. The QCA7500 is a highly integrated powerline solution optimized for high performance in a small form factor. Building on Qualcomm Atheros' powerline leadership in HomePlug AV and HomePlug Green PHY, the QCA7500 has been validated by real-world testing and product deployments to set the bar for true whole home coverage at a lower cost for service providers.

### Features:

- Gigabit-class speeds over electrical wiring to ensure high speeds in more locations for whole home IPTV.
- Over-the-top (OTT) and/or video-on-demand (VOD) video distribution.
- Doubles the coverage boost over current HomePlug AV products.
- Serves as a high bandwidth backbone, ideal for extending carrier-grade Wi-Fi connections everywhere in the home.
- Supports TR069 remote management support, giving service providers the convenient tools to run diagnostics and manage customer accounts remotely.
- Based on the HomePlug AV2 standard.
- Interoperable with HomePlug AV and Green PHY products in the segment.
- Meets global powerline regulatory requirements.
- Improved peak data rates.
- Expanded coverage enabled by MIMO with beamforming and use of additional spectrum to increase application throughput for multiple HD streams and other applications.

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- Power control and power save features manage transmission power and optimize power consumption.

For more information, please visit [www.qualcomm.com](http://www.qualcomm.com) [1]

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### Links:

[1] <http://www.qualcomm.com>%20