

Peraso Releases W120 WiGig[®] Compliant Phased Array Chipset

Highly flexible antenna options provide optimal performance for CE applications

TORONTO, ON, December 15th, 2016 - Peraso Technologies Inc., a leader in Wireless Gigabit (WiGig[®]) chipsets, today announced the availability of its W120 WiGig phased array chipset for consumer electronics. The W120 builds on the Wi-Fi CERTIFIED WiGig[™] W110 Chipset, with support for high-bandwidth applications such as wireless routers, VR devices and wireless displays.

Key features of the Peraso W120 WiGig chipset include:

- Blazing fast 4.6 Gb/s throughput
- 802.11ad STA, PCP and AP support
- Support for WiGig beam forming and beam tracking
- Support for 8 high performance Tx/Rx antennas
- USB 3.0 interface

The W120 chipset offers users unparalleled flexibility with a variety of antenna configurations. Initial configurations include:

- Multi-direction arrays providing full omni coverage for compact USB adapter form-factors
- Multi-direction, multi-radio, arrays providing full omni coverage for desktop form-factors
- High performance patch arrays providing half omni coverage for display form-factors

"The W120 WiGig phased array chipset provides a very important component in the evolution of WiGig into the CE marketplace," explains Brad Lynch, Senior VP of Product Development at Peraso. "With the introduction of a highly efficient phased array product, Peraso expands the price/performance options available to our customer base, making WiGig more readily available to end-users."

The extremely high WiGig data rates, more than 5x that of 802.11ac, facilitates a host of applications not available through standard Wi-Fi connectivity. As Internet access quickly advances to gigabit data rates, WiGig wireless connectivity ensures that consumer electronic devices keep pace with the entire network. High throughput is critical for data-intensive, cloud-based applications. With the rapid growth of VR, WiGig is the only wireless technology that can provide a high resolution, no lag, wireless VR experience. Using WiGig, large media files are transferred between devices in a matter of seconds, not only providing the consumer with next generation convenience, but done so wirelessly.

"The introduction of the Peraso W120 WiGig phased array chip set is very important for our customer base in 2017," stated Jack Hong, ODM Sales VP, Acelink. "For example, we can provide access point customers with a USB upgrade kit that allows them to enjoy the benefits of 802.11ad without replacing their existing router."



Peraso's WiGig chipsets and solutions will be on display at the Westgate Las Vegas, CES 2017 - Jan 5th - 8th. To arrange a private demonstration, please contact: mdenicola@perasotech.com.

###

About Peraso Technologies, Inc.

Peraso is a fabless semiconductor company headquartered in Toronto, Canada. The company is focussed on the development of 60 GHz chip sets and solutions compliant with the IEEE 802.11ad specification. 60 GHz has been adopted for interoperability certification by the WiFi Alliance under the WiGig® brand, and WiGig® has seen strong industry endorsement by tech giants such as Samsung, Qualcomm and Intel. For more information, visit www.perasotech.com

Follow Us: [Facebook](#) | [LinkedIn](#) | [Twitter](#)

Company Contact:

John Tryhub
Peraso Technologies, Inc.
john@perasotech.com

PR Contact:

Melinda DeNicola
Peraso Technologies, Inc.
mdenicola@perasotech.com