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SparkLAN Ships Atheros-Based 802.11n Dual-Band Mini-PCI module

CeBIT 2008, Hannover, Germany, March 5 - SparkLAN, broadband wireless networking solution provider, announces the availability of IEEE 802.11n draft 2.0 2.4G/5.0 GHz dual-band Mini-PCI module, which is based on Atheros' XSPAN® Mini-PCI reference design (SparkLAN model no. is WMIA-199N).

SparkLAN manufactures & distributes Atheros-based Wi-Fi Mini-PCI modules to networking customers worldwide. The company's product portfolio encompasses 802.11g/b single-band and 802.11a/b/g & 802.11n dual-band solutions, featuring low-power consumption and high-performance Mini-PCI RF modules which can be integrated with different CPU platforms for embedded systems, such as indoor or outdoor AP/Routers, mesh networking APs, set-top boxes, xDSL Modems, DVRs, point of sale devices and gaming consoles. SparkLAN not only provides high-quality Mini-PCI RF modules, but also offers technical support for driver porting. To reinforce its continued collaboration with Atheros, SparkLAN has signed a Technical Licensing Agreement with the company which allows SparkLAN to release driver source code, subject to sub-licensing agreements and requirements, for client application development. This availability to source code will help our customers launch new products enabling the fastest time-to-revenue.

"SparkLAN is very pleased to partner with technology-leader, Atheros, to deliver an industry-leading 802.11n dual-band Mini-PCI module" said Mike Chen, CEO of SparkLAN. "By integrating Atheros XSPAN 802.11n technology into our next-generation Wi-Fi products, we can offer more robust and higher performance solutions and accelerate the time-to-market for embedded system applications."

"Atheros' XSPAN 802.11n networking technology delivers the best wireless user experience to enterprises and consumers with increased reliability and coverage, and more than five times the throughput of 802.11a/b/g WLANs," said Mahesh Venkatraman, director of marketing, Atheros. "Collaborating with SparkLAN will enable customers to develop a host of embedded wireless applications ranging from home gateways to Metro Wi-Fi APs that take advantage of the power of 11n."

Draft spec. of SparkLAN WMIA-199N

- Chipset: Atheros AR9160+9106
- IEEE 802.11n draft 2.0 dual-band (2.4G/5.0 GHz)
- Antenna architecture: 3Tx/3Rx
- Linux Supported - FCC/CE certified

Besides dual-band mini-PCI modules, SparkLAN also offers a full spectrum of Atheros-based modules including: - 802.11n: AR5008 AR5416 (WMIA-207GN) - Single- and dual-band PCI chipsets. - 802.11a/b/g: AR5006XS

AR5414 (WMIA-166AGH 400mW high power), AR5004X AR5213 (WMIA-123AG), AR5004XS AR5213 (WMIA-166AG) - Single- and dual-band PCI chipsets. - 802.11g: AR5005GS AR2414 (WMIA-154G), AR5005G AR2413 (WMIA-165G), AR5007 AR2417 (WMIA-167G) - Single-band PCI chipset.

About SparkLAN Communication, Inc.

Founded in 2002, SparkLAN is a Broadband Wireless Networking Solution Provider. SparkLAN is fully focus on 802.11x wireless technology, we have had a proven track record of taking the leading edge technologies for embedded system, digital home solution, Wireless ISP, and IP Surveillance solutions. Our mission is to offer the customers a total broadband wireless networking solution with triple play service that includes high-speed Internet access, voice and video streaming -all over Wi-Fi or IP network. For more information, please visit www.sparklan.com.

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