

Primary Media Contact:

Advantech Co., Ltd.
Cynthia.Wang
Tel: +886-2-2792-7818
Cynthia.Wang@advantech.com.tw

Secondary Media Contact:

Advantech Co., Ltd.
Jean.Ko
Tel: +886-2-2792-7818
Jean.Ko@advantech.com.tw



6WIND Extends Platform Support to Advantech's x86 and NPU Hybrid System Product Range

***Previews seamless processor technology migration with
multicore packet processing software at Mobile World Congress***

Mobile World Congress, Barcelona, Spain, February 15, 2011 – Advantech (TWSE: 2395.TW), a global manufacturer of telecom computing blades and multicore network processor platforms, today announced they will be expanding the deployment of 6WINDGate packet processing software to a broader range of Advantech systems. The new solutions will include Advantech's FWA Network Application Platform range based on multicore x86 processors in addition to the multicore MIPS-based Packetarium platforms already supported. The scalability of the 6WINDGate software across multiple processor architectures enabled Advantech to achieve a portfolio of products and services, differentiated in terms of performance, feature set, quality, delivery and support.

"Advantech's NCP-5260 hybrid system design takes the original Packetarium concept one step further by including high-performance, x86 server class computing coupled with a switch and management complex. It allows OEMs to run legacy x86 application code seamlessly with one or two multicore Packetarium Network Processor Boards for accelerated packet processing on up to 16 x 10 GbE external interfaces." stated Peter Marek, Director x86 Solutions for Advantech's Networks and Telecom Group. "We're now working closely with 6WIND to extend the use of the 6WINDGate packet processing software across Advantech's all-x86 systems, tuned to take full advantage of the latest multicore processors and data plane software technology."

With the NCP-5260, customers are able to independently upgrade the x86 server board and Network Processor boards to adapt to their needs. The FWA product range however, addresses customers who choose not to include NPU technology, and prefer to leverage all the cores of the onboard x86 processors.

Advantech's FWA range spans from entry-level dual core devices to the FWA-6500 enterprise appliance which represents the high end of the FWA product range with up to twelve of the latest generation x86 processing cores. The system includes up to 96GB of DDR3 memory and has capacity for two PCIe add-on cards and two 2.5" removable SATA HDDs. Network interfaces are highly configurable, utilizing four extension slots for a mixture of 4-port GbE, 8-port GbE or 2-port 10 GbE network interface cards. Remote management, maintenance and diagnostics are all fully supported by an integrated IPMI 2.0 solution.

For Immediate Release

Upgrades of the FWA-6500 x86 processor, motherboard and I/O modules can also be made independently; allowing customers to cost effectively adapt their x86 platforms as technology improves.

“6WIND and Advantech enable OEMs to benefit from the x86 performance enhancements delivered by the 6WINDGate software without changing their code, thereby leveraging x86 multicore packet processing without learning multicore programming,” said Eric Carmès, CEO of 6WIND. “6WIND offers a comprehensive set of networking modules, fully compatible with standard APIs, which ensure that legacy applications and custom software run unchanged, minimizing schedule risk. The bottom line is faster integration and validation of new and complex technologies.”

“If x86 customers find they do need the faster packet handling and forwarding which NPUs bring then they can revert to the hybrid architecture where their same software will work seamlessly with the 6WINDGate solution,” concluded Carmès.

6WIND and Advantech will both be displaying their solutions at Mobile World Congress 2011, 14-17 February in Barcelona, Spain. 6WIND's booth is 2H10 and Advantech's 2G38, both in Hall 2.0.

For further information, please visit our [website](#)

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About Advantech – Founded in 1983, Advantech delivers trustworthy industrial computing solutions that enable intelligent applications. Our operation is divided into two segments: Branded & Solution Business and Embedded Design-In Business. We cooperate closely with solution partners to provide products and customized solutions in a wide array of applications. Advantech operates an extensive support, sales and marketing network in 18 countries and 39 major cities to deliver fast time-to-market services to our worldwide customers. (Corporate Website: www.advantech.com). For Telecom and Networking markets, Advantech provides mission-critical hardware to the leading telecom and networking equipment manufacturers. Advantech's standard and customized products are embedded in OEM equipment that the world's communications infrastructure depends upon. Website: www.advantech.com/NC

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