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**Advantech Lifts Mid-range Network Appliances to New Levels of Modularity**

***Most granular mix and match of processing power with I/O to meet exact throughput needs***

**February 24th, 2014, Irvine, CA** – Advantech today announced a major expansion of its mid-range network appliance product line with two innovative new models based on 4th generation Intel® Core™ and Intel® Xeon® Processor E3-1200 V3 series formerly known as Haswell DT. Both products perpetuate the flexibility of Advantech's Network Mezzanine Card (NMC) family which now boasts the broadest range of 1, 10 and 40 GbE NICs with or without LAN bypass in the industry, all of which can be redeployed across Advantech's entire mid to high-end product portfolio. For customers this equates to driver and software re-use and significant inventory cost savings. The FWA-3230 and FWA-3231 set new standards for modularity in a 1U rack-mount form factor, with the FWA-3231 offering 4 NMC and 2 PCIe slots for I/O expansion and offload.

“As networking technologies continue to evolve faster and prices drop, equipment providers are increasingly turning to more flexible solutions that lower capital expenditure and hardware engineering costs, differentiate their brands, and create new revenue opportunities" said Peter Marek, Senior Director x86 solutions, Advantech Networks and Communications Group. "With these latest products, equipment providers can mix and match processing power with I/O to meet the exact throughput needs of their customers."

Paul Stevens, Advantech’s Telecom Sector Marketing Director, added "Scalability at Advantech starts with offering different processor options and flexible, modular designs matching compute, I/O and acceleration capabilities to distinct price-performance sweet spots. This enables network equipment providers to offer attractive entry level products with ‘grow as you need’ up-selling business models to their customers. A derivative benefit of this approach is that later purchases can incorporate new technology into the solution".

The FWA-3230 1U network appliance scales from entry-level performance using Intel® Celeron® and Pentium® processors to the mid-range segment using Intel® Xeon® E3 series processors, offering an outstanding price/performance ratio with each SKU. In addition to supporting the latest Intel® Haswell DT microarchitecture enhancements for increased CPU performance, virtualization support and I/O throughput, the FWA-3230 adds support for latest Gigabit Ethernet controllers, PCIe Gen 3 connectivity, support for remote management and advanced LAN bypass to create state-of-the-art platforms for specific enterprise networking applications.

Memory configurations can include four DDR3L 1333/1600 DIMMs for up to 32GB in total. In the base configuration, the system comes with support for two 2.5" SATA HDDs/SSDs, LCM, RJ45 console, two USB ports and six Intel® I210-AT GbE controllers. For I/O expandability, two standard PCIe full-height, half-length slots with rear access allow the integration of two off-the-shelf PCIe adapters and up to two Advantech Network Mezzanine Card (NMC) slots offer further flexibility for additional front-panel network ports.

Featuring an optional server BMC in accordance with IPMI 2.0, the FWA-3230 supports state-of-the-art remote and lights-out management for increased reliability, serviceability and improved total cost of ownership. Advanced features such as power supply monitoring via PMBus allow the whole platform to be remotely managed. All management firmware can be remotely upgraded using the industry standard HPM.1 protocol, same as the motherboard system BIOS. All upgrades are fail-safe and support instant rollback allowing for full system recovery without the necessity for onsite service staff.

The FWA-3231 is a cost optimized variant offering even greater modularity with its four NMC slots, requiring just one NMC to be installed for connection to a network. The FWA-3231 offers a single 2.5” SATA HDD bay option, while all other characteristics remain identical to the FWA-3230.

Advantech is demonstrating both products at their RSA Booth and at Mobile World Congress in Barcelona on Feb 24-28, 2014. For details or to reserve a meeting at RSA please contact [Karen.abbruscato@advantech.com](mailto:Karen.abbruscato@advantech.com) and for MWC please contact [eric.vanvliet@advantech.eu](mailto:eric.vanvliet@advantech.eu) or register on line at <http://www.advantech.com/nc/newsletter/eDM/MWC2014>

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**About Advantech** – Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. Our mission is to enable an intelligent planet with embedded computing products and solutions that empower the development of smarter working and living. With Advantech, there’s no limit to the applications and innovations our products make possible. 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](http://www.advantech.com/NC)

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