

**AAEON (TAIEX: 2463) Releases a Brand New COM Express Module and Accompanying Carrier Board—COM-U15 & ECB-951D**

Taipei Taiwan (May 11, 2009)--AAEON (TAIEX: 2463), a premier Industrial PC manufacturer, launches the COM-U15, a brand new COM Express Module and an associated Carrier Board, the ECB-951D. The COM-U15 features an Intel® Atom™ processor with low power consumption to high performance ratio. The ECB-951D carrier board has been designed to facilitate the evaluation of the COM-U15 allowing for fast time to market and reduced engineering effort for the design of custom applications.

Based on the Intel® Atom™ Z530/Z510 processor and Intel® System Controller Hub US15W, the COM-U15 offers DDRII SODIMM support for up to 2GB (DDRII 400/533) system memory for high performance operation. Also featured: One high speed PCI-Express [ x1 ], one LPC interface and one SMBus interface. Storage needs are met by the onboard PATA SSD (up to 4GB) and by an additional PATA or SATA interface to the carrier board. Flexible I/O is provided by means of eight USB 2.0 ports and the board is equipped with one 10/100/1000Base-TX LAN for network communication. The display interfaces include LCD/DVI or LCD/LCD (via SDVO) simultaneous/dual view displays that support up to 24-bit single channel LVDS LCD panel. The high definition audio capability of the COM-U15 is designed to satisfy the requirements of multimedia applications.

“The COM-U15 featuring the Intel® Atom™ Z530/510 processor offers fan-less, low power operation in a small form factor. When paired with the newly developed ECB-951D carrier board, this platform helps customers minimize their Research and Development resources and costs. In addition to our off-the-shelf carrier board selection, AAEON offers design services for custom carrier boards. Tailor-made carrier boards allow the customers to maintain their core application features while updating processor technology by applying new modules as they are developed. This reduces the effort and risk in adopting new technology“, said Peter Yang, Product Manager of AAEON’s Embedded Computing Division. “The COM Express module provides a high degree of flexibility for extending functions without modifying the core design of the CPU circuit. With custom carrier board design and manufacturing, AAEON simplifies the process,” Peter explained.

The ECB-951D supports the COM Express Module pin-out Type I/II form factor. It not only offers I/O interfaces of a PATA connector, one SATA port with SATA power connector, one CompactFlash™ Type II slot, one SDIO slot, two COM ports and six USB ports, the carrier board also has support for an expansion interface of PCI-Express [ x1 ] or Mini Card slot. In addition, the ECB-951D supports LVDS and SDVO connectors and offers a FFC/ FPC connector for a 4-wire touch screen.

The COM Express CPU module and carrier board have been developed to shorten the product development process and mitigate expensive Research and Development costs. The COM-U15 and ECB-951D are rich in features in order to meet the requirements of gaming, entertainment, healthcare, retail & advertising, test & measurement, industrial automation, security, defense & government and digital signage. Faster time-to-market and meeting diversified needs helps you to achieve the primary position wherever your product goes. For more product information, please visit [www.aaeon.com](http://www.aaeon.com) or contact AAEON's regional sales for further assistance.

**About AAEON**

AAEON Technology, established in 1992, manufactures and markets a wide range of OEM/ODM Industrial PCs all over the world. Our commitment to our customers is to provide reliable and high quality Embedded SBCs, Operator Panels, Panel PCs, Medical PCs, Embedded Controllers, Industrial Slot PCs, PC/104 modules, Full-size CPU cards, Half-size CPU Cards and related accessories.

By maintaining ISO-9001 and ISO-14001 certifications since 1994 and 1996 respectively, AAEON ensures the commitment to delivering products of the highest quality. Becoming a publicly traded company in 2001, AAEON has demonstrated the sound fiscal policies required for good investment opportunities. AAEON continues to earn numerous citations for its remarkable contribution to the industry, including four years of Symbol of Excellence Awards and the country's Eighth Annual Outstanding Business Award. In 2003, AAEON introduced TL9000 certification to further expand their commitment to quality.

AAEON has well established, strategically positioned branches worldwide including America, the Netherlands, China and Singapore.

AAEON is an Associate Member of the Intel® Embedded and Communications Alliance: a community of embedded and communications developers and solution providers. For more information, please visit [www.aaeon.com](http://www.aaeon.com).

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