PRESS INFORMATION - FOR IMMEDIATE RELEASE –

Avalue Is Releasing New Intel® Calpella Platform EPIC Board, EPI-QM57

Taipei, Taiwan. December 2009 – Be a part of Intel® ECA (Embedded and Communications Alliance) member, and following the microarchitecture mainstream of Intel®, Avalue is releasing the EPI-QM57, a new generation Intel® Calpella platform EPIC computing board. Based on 32nm technology, Calpella, featuring a two-chip platform, integrates the Northbridge chip with CPU, and has advanced the Southbridge chip to the higher class, called "Ibex Peak-M". This platform brings enhanced performance, energy efficiency, manageability, security functions and smoother visual experiences.

Avalue's EPI-QM57 is a Calpella compliant EPIC module with high performance but low TDP. It adopts Intel® Arrandale LV or ULV processor which features Intel® Turbo Boost and HyperThreading technologies, as well as sports on-processor graphics and hardware acceleration for AES (Advanced Encryption Standard); supports one 204-pin DDR3 SODIMM up to 4GB SDRAM. The EPI-QM57 provides flexible display interfaces, including DVI, dual-channel 18/24-bit LVDS, VGA (co-lay with DVI), and enables dual display configurations. Besides, an EPIC form factor comes with rich I/O connections and powerful expandability. The EPI-QM57 equips four sets of SATA, one set of EIDE, two sets of COM, eight sets of USB 2.0 ports, 8-bit GPIO, and one external CF socket. It also provides one set of PCIe x1 and one optional 34mm Express Card slot for expansions, such as wireless connectivity, video capture or extra storage; Built-in touch screen interface allows an interactive Panel PC setup and two Gigabit Ethernet interfaces for faster and more flexible connection.

For security applications the module is equipped with Intel® Anti-Theft Technology gives hardware security solution to protect privacy and personal data; Intel® iAMT 6.0 enables remote networking manageability for facile monitoring and communication between server side and end-user side, offering the optimized system management capability, even the power is off; moreover, with RAID supported levels 0, 1, 5, and 10 to improve storage performance functions. The EPI-QM57 can be widely applied in medical instruments, PoS/Kiosk machines, Digital Signages, surveillances devices, automation controllers, and military systems etc. Avalue's EPI-QM57 is compatible with Microsoft Win7 / 7e / XP / XPe / Vista, WEPOS and Linux operating systems.

EPI-QM57 EPIC Module Features:

- Onboard Intel® Arrandale LV or ULV CPU
- One 204-pin DDR3 SODIMM up to 4GB
- DDR3 800/1066 SDRAM
- Dual View, 2-CH LVDS, DVI (Co-lay with VGA)

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- Dual Intel® Gigabit Ethernet
- 1 CF, 4 SATA, 2 COM, 8 USB, 16-bit GPIO
- Options: Express Card/34mm, Built-in Touch
- Screen Interface
- Supports iAMT 6.0
- Supports RAID 0/1/5/10

About Avalue Technology

Avalue Technology is a professional industrial computer manufacturing company, which is dedicated to developing the x86 and RISC architecture products, including embedded computers, single board computers (SBC), Systems-on-Modules / ETX (SoM / ETX), industrial motherboards, all-purpose tablet PCs, and barebone products, etc. Having expanded, Avalue offers its expertise on PCB / Assembly / BIOS version control and after-sales all type of services. An ISO-9001 certified company, Avalue Technology offers assurance to customers in every aspect of its business. With its headquarter located in Taiwan, Avalue has global branch offices, including one in Denmark to handle the European market, one in Shanghai to handle the local market, and two in the United States, New Jersey and California. In addition, Avalue Technology operates an extensive distribution network to accommodate and serve customers all over the world. www.avalue.com.tw

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