

RioWorks™ R3122 & R3140 --- 1U 64-Bit High Performance Dual AMD® Opteron™ Processors Server Systems

Taipei, Taiwan, April 25, 2003 – Arima® Computer Corp., the world's leading design and manufacturing company, today is proud to introduce RioWorks™ 1U server systems, R3122 and R3140 which are based on the AMD® Opteron™ processor. Both R3122 and R3140 can support up to two AMD Opteron processors, up to 16GB of DDR333 registered memory, for two to four IDE, SCSI, or Serial ATA hard disks and dual Gigabit Ethernet network interfaces.

The AMD Opteron can easily transit to 64-bit technology at users' desire pace without sacrificing 32-bit performance, and provide a seamless integration with 64-bit application. Moreover, with the AMD HyperTransport™ technology, which is designed to reduce system bottlenecks and enable to use system memory more efficiently in high-end multiprocessor systems. Leveraging the power of the AMD Opteron processor, R3122 and R3140 can allow customers to run existing 32-bit applications faster than ever before, lower TCO (total Cost of Ownership) and provide seamless migration to 64-bit operation without loss of investment in 32-bit infrastructure.

The system board of R3122 and R3140 is based on the RioWorks HDAMA, supported by AMD-8111™ and 8131™ chipsets, is expandable to 16GB of DDR333 registered memory on two separate independent memory BUS. R3122 and R3140 offer the highest density of enterprise computing power available today in 1U rack mount enclosure. Other features also include on board 4 channel S-ATA RAID controller, video and dual 1GB Ethernet network interfaces. Both R3122 and R3140 are fully tested to support for 32-bit and 64-bit Linux® or Windows® Operating Systems, these outstanding features make R3122 and R3140 the best pick for the most demanding computing tasks.

Both R3122 and R3140 can be managed by RioWorks SmartWatch™, a server system management software to monitor system hardware status. Or customers can choose to use ARMC™ (Arima Remote Management Card), a comprehensive server management system based on IPMI 1.5. ARMC enables system administrators to remotely control the systems over LAN and modem with high security access control, allows to manage and configure the server systems. It features full remote control access, console redirection, graphic user interface and security access control.

About Arima

Arima Computer, one of leading original, design, and contracted manufactures in the world. With full spectrum of digital product design, development and manufacturing, through an efficient global logistic manufacturing system, a powerful technology and engineering combination, Arima is a value added business enabler and a good manufacturing partner in business of worldwide basis. For more information about Arima, please visit the company web site at www.arima.com.tw.

About AMD

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