

## **FOR IMMEDIATE RELEASE**

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### **SUPER MICRO, OTOY, AND AMD COMBINE TECHNOLOGIES TO BRING FUSION RENDER CLOUD SERVERS TO MARKET IN Q2 2010**

(Los Angeles, CA \_\_March 10, 2010)\_\_ AMD (NYSE: AMD), OTOY and Super Micro (Nasdaq: SMCI) announced today that they plan to bring Fusion Render Cloud Servers to market in the second quarter of 2010.

Announced by AMD CEO Dirk Meyer at CES 2009, the AMD Fusion Render Cloud (FRC) is AMD's next generation breakthrough CPU/GPU server platform. Built on top of OTOY's cloud streaming technology, FRC is designed to deliver thousands of concurrent HD games, remote desktops, and live HD video streams to any internet enabled device with virtually no latency.

These servers will permit content providers to deliver video games, PC applications and other graphically-intensive applications through the Internet "cloud" to virtually any type of mobile device with a web browser in a manner designed to help maximize battery life and to efficiently process the content. The AMD Fusion Render Cloud will transform movie and gaming experiences through server-side rendering – which involves storing visually rich content in a compute cloud, compressing it, and streaming it in real-time over a wireless or broadband connection to a variety of devices such as smart phones, set-top boxes and ultra-thin notebooks. By delivering remotely rendered content to devices that are unable to store and process HD content due to such constraints as device size, battery capacity, and processing power, HD cloud computing represents the capability to bring HD entertainment to mobile users virtually anywhere.

The AMD Fusion Render Cloud will also allow remote real-time rendering of film and visual effects graphics on an unprecedented scale. Gaming companies can use the AMD Fusion Render Cloud for developing and deploying next-generation game content, to serve up virtual world games with unlimited photo-realistic detail, and to take advantage of new delivery channels as open and diverse as the web itself.

"Supermicro brings its long standing experience in the design and production of high-performance, high-efficiency server solutions, and its strengths in GPU-optimized platforms, to this exciting new breakthrough technology," said Don Clegg, VP of Marketing and Business Development at Supermicro. "With the multi-core CPU and graphics processing power of AMD and next-generation cloud development software OTOY, Supermicro CPU/GPU supercomputer server solutions now empower developers to create HD video and gaming environments delivered over the web in real time, for the first time."

“In 2003 AMD changed the server market with the launch of the AMD Opteron™ processor, ending the sole source enterprise technology barrier. The industry embraced this change as there are now more than 2 million AMD Opteron processors driving Cloud Computing today,” said Charlie Boswell, Director of Digital Media and Entertainment, AMD. The AMD Fusion Render Cloud is poised to help ignite the next evolution in cloud computing by enabling server side rendering of fully interactive HD content.”

“The launch of the Fusion Render Cloud platform through Supermicro’s product line marks a major milestone for cloud computing,” said Jules Urbach. “Streaming high performance games and graphics remotely is an indisputably disruptive technical achievement. The very idea has invited both excitement and skepticism during the 14 months since AMD and OTOY announced their plans to enter into this space. With the addition of a major OEM supplying servers to datacenters next quarter, this technology will be commoditized by an eco system of partners as diverse as the web itself. The future of graphics in the cloud has never been brighter.”

OTOY’s software fully leverages AMD’s CPU core density and graphics leadership to create an open streaming platform for cloud delivery. OTOY software, hosted on the AMD Fusion Render Cloud is designed to achieve a scalable solution, lowering the average power footprint per user. This is first order requirement of economic viability for any Cloud solution. AMD’s Fusion Render Cloud specification, now productized by Supermicro, is designed to scales to thousand of users per rack. Together, this consortium of technology partners is enabling the massive deployment of Cloud rendering technology in 2010.

#### **FRC Hardware Specifications:**

- 125 1U rackmount servers - available pre-racked in Super Rack configuration
- 500 ATI ‘Cypruss’ based GPUs
- 250 AMD Opteron™ 6100 series processors
- <100 Kw, 40 sqft of space per 1 PetaFLOPS of computing power

#### **FRC Technical Specifications:**

- Up to 3,000 concurrent HD streams (720p/1080p or higher @ 60hz) for streaming AAA video games, high end CAD programs and full virtual desktops for all major Operating Systems
- Up to 12,000 concurrent SD streams @ 120 hz
- Ultra fast HD encoding < 1ms per megapixel
- Token based metering system built into driver stack for easy cost analysis and resource provisioning

#### **About Super Micro Computer, Inc. (NASDAQ: SMCI)**

Supermicro, the leader in server technology innovation and green computing, provides customers around the world with application-optimized server, workstation, blade, storage and GPU systems. Based on its advanced Server Building Block Solutions, Supermicro offers the most optimized selection for IT, datacenter and HPC

deployments. The company's system architecture innovations include the Twin server, double-sided storage and SuperBlade(R) product families. Offering the most comprehensive product lines in the industry, Supermicro provides businesses of all sizes with energy-efficient, earth-friendly solutions that deliver unmatched performance and value. Founded in 1993, Supermicro is headquartered in Silicon Valley with worldwide operations and manufacturing centers in Europe and Asia. For more information, visit [www.supermicro.com](http://www.supermicro.com).

### **About OTOY**

OTOY is a leading software and content developer and provider of convergence technologies and special effects for the video game and film industries. OTOY works with a wide range of studios, game developers and visualization companies to create leading-edge visual and entertainment experiences. In 2008, Variety magazine listed OTOY CEO Jules Urbach as one of Hollywood's top 10 innovators to watch in the next 12 months.

### **About AMD**

Advanced Micro Devices (NYSE: AMD) is an innovative technology company dedicated to collaborating with customers and partners to ignite the next generation of computing and graphics solutions at work, home and play. For more information, visit <http://www.amd.com>.

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