ASMedia Technologies Demonstrates Industry's First SuperSpeed USB 10 Gbps (USB 3.1) Silicon ASM1352R (USB3.1 to SATA6G with RAID) at Intel Developer Forum San Francisco

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ASMedia announced the first SuperSpeed USB 10 Gbps Silicon- USB3.1 to SATA-ASM1352R at IDF.

Highlights:
1. ASMedia demonstrates the first SuperSpeed USB 10 Gbps (USB 3.1) Silicon ASM1352R with ASMedia’s own USB 3.1 host solution in the SuperSpeed USB Community at Intel Developers Forum, September 9 in San Francisco, California.
2. ASMedia is developing and designing both host and device hardware platforms.

San Francisco, California—ASMedia Technologies, a fabless semiconductor company that develops and markets high-speed IO solutions, demonstrated the industry’s first SuperSpeed USB 10 Gbps (USB 3.1) silicon data transfer on its hardware development platform in the SuperSpeed USB Community at Intel Developers Forum in San Francisco. This demonstration marks one of the first public showings of a working SuperSpeed USB 10 Gbps silicon for Device Controller (ASM1352R). ASM1352R is a real silicon solution of USB 3.1 to SATA 6G controllers with hardware RAID.

“In the era of big data, fast data transfer is required and USB 3.1 is an excellent solution from a performance view point. As SSD adaption rate is growing and the price of SSD is becoming reasonable, SATA3 SSD with RAID will be the ideal product that can leverage USB 3.1 (10 Gbps) bandwidth. With ASM1352R-USB3.1 to SATA3 with RAID controller, users can enjoy the performance enhancement of USB 3.1 and easily reach 800MB/s performance speeds. ASMedia thanks our engineers for bringing USB 3.1 technology to the market for consumers,” said Chewei Lin CEO of ASMedia Technologies.

USB 3.1 is the most recent iteration of USB technology. The USB 3.1 specification defines a data transfer rate of up to 10 Gbps on a bi-directional link, more than
doubling the effective bandwidth of the already fast SuperSpeed USB (USB 3.0) standard. The USB 3.1 specification primarily extends existing USB 3.0 protocol and hub operation for speed scaling along with defining the next higher physical layer speed as 10 Gbps. The USB 3.1 specification also defines the new USB Type-C connector, a slim, reversible and bi-directional cable and connector scheme tailored to fit mobile device product designs, yet robust enough for laptops and tablets.

“The USB-IF is pleased to see companies like ASMedia successfully develop USB 3.1 technology,” said Jeff Ravencraft, USB-IF President and COO. “The increased performance speeds of USB 3.1 combined with the new USB Type-C cable and connector gives companies the ability to better meet the performance and design demands of their customers.”

About ASMedia
ASMedia is a fabless design house founded in 2004. ASMedia provides high speed IO solutions that deliver highly-efficient connectivity, such as USB3.1, USB3.0, SATA6G and PCIe Gen3. Website information: www.asmedia.com.tw