Samsung offers Ultra High Speed-1 MicroSD cards for advanced LTE smartphones, tablets

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Samsung Electronics today announced that it is now mass producing Ultra High Speed–1 (UHS-1) interface microSD cards that support the highest performance levels required on advanced LTE (Long Term Evolution) smartphones and tablets.

“MicroSD cards with a UHS-1 interface offer users an extremely high level of performance on their LTE smartphones and for other advanced mobile applications. This allows consumers to enjoy high-quality images and video playback directly from the memory cards, which fully supports the advanced performance features of diverse digital gadgets,” said Wanhoon Hong, Executive Vice President, memory sales & marketing, Samsung Electronics. “Our UHS-1 card demonstrates how Samsung plans to continually expand its line-up of memory cards in

accommodating the market need for higher densities and greater performance."

The new UHS-1 memory card comes in a 16 gigabyte (GB) density. It is comprised of Samsung's 20 nanometer-class 64 gigabit (Gb) toggle DDR 2.0 devices and an advanced Samsung controller supporting the ultra fast UHS-1 interface.

According to internal tests, the new 16GB UHS-1 microSD card has a maximum sequential read speed of 80 megabytes per second (MB/s). This is more than four times the read speed of today's advanced microSD cards, which operate at 21MB/s.

Initiating production of the 16GB UHS-1 microSD cards began late last month. In the future, Samsung plans to expand its microSD card offerings with higher density solutions that reinforce its position as the leading market innovator for NAND flash.

Source: Samsung