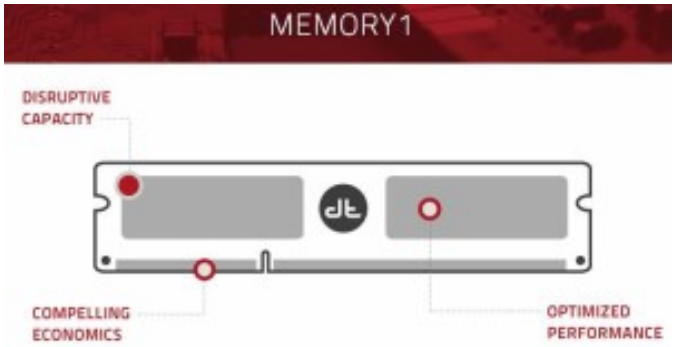
Diablo Technologies launches Memory1-- an "all-flash DDR4 server system memory technology" allowing servers to crunch more data-intensive applications by packing 4x the capacity of the largest DRAM modules.



Derived from Memory Channel Storage architecture (a means to connect flash storage to the CPU via DD3 interface), Memory1 technology essentially uses flash as slower (if cheaper) page-accessed memory compatible with standard motherboards, servers, operating systems and applications.

Memory1 modules are deployed via standard DDR4 DIMM slots, with each flash DIMM module holding up to 256GB of byte-addressable system (flash) memory and support for memory speeds of up too 1233MT/s (megatransfers per second). The company claims the technology allows for greater capability on fewer servers, lowering datacentre costs by up to 70%.

"The needs of the large-scale datacenter are changing, with a very sharp focus on increasing capability to win the Internet while managing tight constraints on cost and power," Diablo Technologies adds. "The Memory1 platform allows customers to leverage NAND flash as pure system memory in a seamless manner, with no changes to their hardware and software stacks."

Memory1 modules are currently shipping to select customers before general availability from Q4 2015.

Go Diablo Technologies Launches Memory1