



Accelerating I/O Delivery with Hard RamDisk

ALLONE RELEASED A NEW GENERATION OF STORAGE SYSTEM INTEGRATION CHIP TECHNOLOGY

In the Intel IDF 2016, ALLONE released the latest generation of storage system integration chip technology Two models SATA RAMDisk "ioRAM3", Log Device series and Hybrid Device Series , a series of low-latency, long life storage devices read and write support 6Gb / s SATA3 .0 interface . Log Device Series provides up to 64GB memory capacity, Hybrid Device Series provides up to 1TB hybrid storage memory capacity; not only can be permanently stored as a cache, write-intensive applications specializing in the outer dimensions of the standard 3.5 inches.

In recent years, in order to solve the storage capacity and flow rapidly growing environmental problems, all kinds of storage technology innovation, founder Liu Shumin pointed out, ALLONE exclusive SCMI3.2 (Smart Cache Management Interface) technology, will use information in accordance with the needs of different hierarchical processing, such open architecture launched a new performance, flexibility and agility, so that system resources to play the extreme, fast submit enterprise network-attached storage device (NAS) and integrated storage system (unified storage) write high demand environment applications , integrated storage system data storage (Metadata store) and LOG file performance is very significant, but also for playing deduplication device index and checkpoints and continuous data protection (CDP) for the device.

ALLONE ioRAM3 Log Device fully hardware RAMDISK, contains four sets of DDR3 memory, the processor does not have to use computing power, and without sacrificing server or memory capacity of the computer, while data can be long-term retention. In addition to providing a stable cache performance, it is more multi-pronged insurance mechanisms such as: RAID information storage methods, hardware detection mechanism, multiple information backup mechanism, not afraid of power loss of data for random, intensive and large number of small files to read and write applications .

ALLONE ioRAM3 Hybrid Device further incorporates a dual-port M.2 SSD, so that the capacity to increase substantially the same time with ALLONE exclusive SCMI3.2 (Smart Cache Management Interface) technology, will use information in accordance with the needs of different hierarchical processing, while the integration of the DRAM SSD performance and large-capacity low latency dual advantage for companies in response to the different needs of a huge amount of information must solve the problem faced.

ALLONE introduced earlier PCI-e Higher Order RAMDISK Cloud Disk Drive 101 deep praise of all, this year ALLONE continuation of the previous high-end storage layout, the re-launch of the series become ioRAM3 comprehensive enterprise storage solutions hegemony, not only has more than 220,000 IOPS performance, but also It has the advantage NVRAM non-volatile memory to solve storage needs of all sectors.