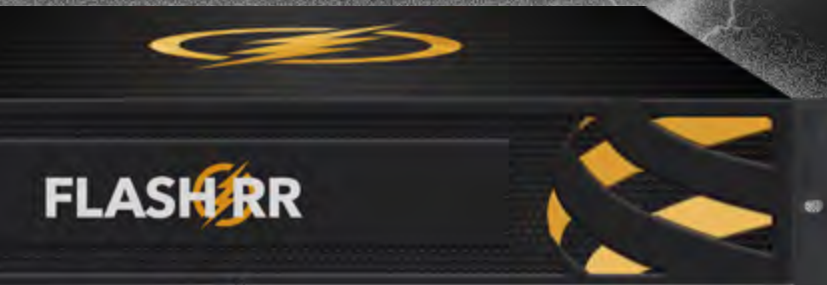




A Machine Intelligent Storage Solution
powered by Enmotus and AMD EPYC™



The Flash R-R is a machine intelligent storage solution from BIOS IT - a 2U rack-mount server, featuring virtual SSD software, computational storage and the industry disrupting power of AMD EPYC™ processors.

The BIOS IT Flash R-R is designed to deliver on data dependant mission critical applications. Your choice of performance storage media, such as NVMe flash, blended with scalable computational storage provides you the optimal balance of performance, storage utilisation and cost efficiency.

Fully automate the allocation of different classes of storage media to application workloads in real time

VIRTUAL SSD SOFTWARE

The Flash R-R's virtualisation software fuses expensive fast devices with slower capacity devices into a single machine intelligent Virtual SSD drive. Utilising flash for primary storage of active data, while automatically storing cold data on cost effective media, the solution enables flash performance for key applications without overspending, guaranteeing bandwidth, increasing IO, lowering latency and most importantly, controlling costs.

EPYC™ PROCESSING POWER

AMD EPYC™ provides breakthrough processing power balanced with the industry leading memory and I/O capacity to virtually eliminate performance bottlenecks. EPYC provides the memory capacity and bandwidth to processor cores to efficiently run memory-intensive workloads. With EPYC you can leverage industry-leading I/O bandwidth that matches the capability of the CPU cores to move data to and from the network while supporting I/O-intensive workloads.

GET IN TOUCH

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Flash R-R Benefits



VIRTUALISE

Virtualise your storage devices and enable cost effective flash performance.



ANALYSE

Analyse your storage behavior and see what your devices are doing in real time.



OPTIMISE

Optimise storage performance without any user intervention.



PERFORMANCE

All flash equivalent performance for typical workloads



COST-SAVINGS

5X less than the cost of an all flash solution with equal capacity.



CAPACITY

All the capacity you need. No need to sacrifice capacity for flash performance.

Key Benefits

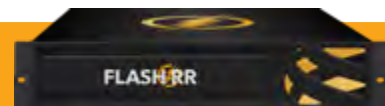
Applications run faster because your active (hot data) is stored on your fastest storage media. Reads and writes are accelerated

Hands free management because the solution is fully automated and continuously optimises in real-time

Best in class cost of ownership because your inactive data is automatically stored on your cost effective storage

Customisable to your applications requirements because you can mix the optimal storage media to satisfy the needs of your application

FLASH-RR SPECIFICATIONS



FORM FACTOR	1U	2U	
CPU	AMD EPYC™		
MEMORY	256GB DDR4		
STORAGE CAPACITY	20TB	50TB	104TB
SSD STORAGE	8x 1.92TB SATA SSD	24x 1.92TB SATA SSD	24x 3.8 TB SATA SSD
NVMe STORAGE	2x 3.2TB NVMe SSD		2x 6.4TB NVMe SSD
LICENSE	ENMOTUS VIRTUAL SSD LICENSE		
SUPPORT	INTERNATIONAL GLOBAL SUPPORT OPTIONS		

CUSTOM CONFIGURATIONS ACROSS CAPACITY, FORM FACTOR AND SUPPORT ARE ALSO AVAILABLE.

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