



FlacheStreams- High Performance Solid State Drive Servers

At a time when the digitization of data is ever so critical for business applications, Premio continues to deliver innovative storage solutions that solve the many industry challenges for managing and delivering data effortlessly.

Our FlacheStreams line provides the fastest and highest density rackmount servers available on the market today. Each model has been designed to provide uncompromising performance and has been tested to promise reliability. With an impressive 60GB/s throughput and 3.5 Million IOPS, your information is available faster than ever. Ranging from 20 bays to 108 bays, the FlacheStreams line is built to scale your SSD storage with your business. Premio's flash storage servers also support the latest processor innovations from AMD EPYC technology. Our Value-Added Services provide a level of configuration and adaptation that no other provider can match.

KEY PREMIO BENEFITS:

HIGH PERFORMANCE AND DENSITY

Our FlacheStreams product family is designed with the solid-state technology in mind. By unleashing the major performance benefits from SATA, SAS, and NVMe drives, the FlacheStreams product family can achieve above industry standards with performance benchmarks up to 60GB/s and 8 Million IOPS.

BALANCE ARCHITECTURE

Like all of our server products, FlacheStreams is designed around the belief of a balanced architecture. The FlacheStreams product family is designed to ensure that all SSD / NVMe performance boosts are equally distributed throughout the network by implementing throughput with Infiniband, Omnipath, 100G NIC, and Fibre Channels.

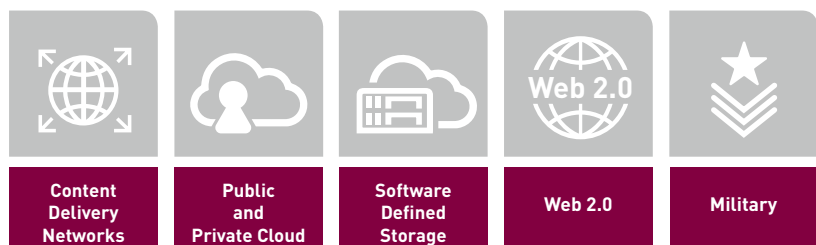
SATA, SAS3, NVME TECHNOLOGY

The FlacheStreams product family supports a variety of storage protocols such as cost effective SATA SSDs, durable 12G SAS SSDs, and high performance NVMe SSDs. This is relatively important for use cases that range from budget conscious application, mission critical applications, and extreme performance All Flash Array Storage applications.

PATENTED DESIGN

The FlacheStreams product family comes with a patented design that features high-density options and double the storage capacity of some of our competitors. This innovative feature allows system integrator technicians, IT administrators, and Service Technicians the ability to save on installation and service times, which ultimately helps with lowering the overall total cost of ownership (TCO).

KEY APPLICATIONS:





COMPLETE LINE OF STORAGE OPTIONS ALSO AVAILABLE :



Server & Storage Product Briefs:

- Flash Storage Servers- FlacheStreams
- High Availability Servers- DuraStreams
- General Purpose Servers- OmniStreams
- High Density Servers- ScaleStreams
- High Performance Computing Servers- GridStreams

	FlacheStreams FlacheSAN1L-UN		FlacheStreams FlacheSAN2V-UN		FlacheStreams FlacheSAN1N10U-UN
AMD EPYC	1U 20 BAYS 2.5" 12G SAS AMD SINGLE EPYC 500W HRP		2U 48 BAYS 2.5" 12G SAS AMD SINGLE EPYC 800W HRP		1U 10 BAYS U.2 NVMe AMD SINGLE EPYC 500W HRP
Ordering P/N	BB1202FUNTY14-A	BB1202FUNTY14E-A	BB2482FUNG16-A	BB2482FUNG16E-A	BB110NUUNTY14-A
CPU	1x AMD EPYC		1x AMD EPYC		1x AMD EPYC
Memory	16x DDR4 slots (Max 2TB)		16x DDR4 slots (Max 2TB)		16x DDR4 slots (Max 2TB)
Drive Bays	20x 2.5" 7mm 12G SAS/SATA (Hot-Swap) 2x 2.5" (internal)	20x 2.5" 7mm 12G SAS/SATA (Hot-Swap)	48x 2.5" 7mm SATA (Hot-Swap) 2x 2.5" (internal)	48x 2.5" 7mm SATA (Hot-Swap) 2x 2.5" (internal)	10x 2.5" U.2 NVMe (Hot-Swap) 2x M.2 NVMe (internal)
Storage Expander	N/A		N/A		N/A
Onboard Network	2xGbE, 1xOCP2.0 x16 Mezz.		2x10GbE		2x GbE
Expansion Slots	2x Gen3x16 (FH)		5x Gen3x16 (LP) 2x Gen3x8 (LP)		1x PCIe3 x16 (FH) 1x PCIe3 x16 (LP) 1x PCIe3 x16 OCP 2.0
IPMI	✓		✓		✓

	FlacheStreams FlacheSAN1N20U-UN	FlacheStreams FlacheSAN4N24M-UN	FlacheStreams FlacheSAN1N36M-UN	FlacheStreams FlacheSAN2N108-UN
AMD EPYC	1U 20 BAYS U.2 NVMe AMD SINGLE EPYC 850W HRP	TOWER WITH 24 BAYS M.2 or NF1 SINGLE EPYC 800W or 1600W HRP	1U 36 BAYS NF1 OR M.2 NVMe SINGLE EPYC 850W HRP	2U 108 BAYS EDSFF (E1.L) NVMe AMD SINGLE EPYC 2000W HRP
Ordering P/N	BB120NFUNTY16-A	BB424NMSATY16-1 ; BB424NMSATY1A-1 BB424NNSATY16-1 ; BB424NNSATY1A-1	BB136NMUNTY16-A	BB2108NELUNTY1C1
CPU	1x AMD EPYC		1x AMD EPYC	
Memory	16x DDR4 slots (Max 2TB)		16x DDR4 slots (Max 2TB)	
Drive Bays	20x U.2 NVMe 7mm (Hot-Swap) 2x 2.5" (internal)	24x M.2 or NF1 NVMe (Hot-Swap) 2x 2.5" (internal)	36x NF1 (M.3) NVMe (Hot-Swap) 2x M.2 NVMe (internal)	108x EDSFF (E1.L) NVMe 2x M.2 (internal)
Storage Expander	N/A		N/A	
Onboard Network	2xGbE, 1xOCP2.0 x16 Mezz.		2x GbE	
Expansion Slots	2x Gen3x16 (FH)		1x PCIe3 x16 (FH) 1x PCIe3 x16 (LP) 1x PCIe x16 OCP 2.1	
IPMI	✓		✓	

