

# Liquid Composable NVMe FLASH

Liquid Command Center™  
Software Enables  
Composable NVMe  
Flash as Direct-Connected  
PCIe Resources



 **LIQID**  
COMMAND  
CENTER™

 **Liquid NVMe  
SSD Pool**

 **Compute**

Liquid delivers improved resource management and utilization with software-defined infrastructure composability for solid-state non-volatile memory (NVMe) solutions. Composable, high-performance NVMe storage resources are allocated through software at the bare metal across Liquid's ultra-low-latency PCIe fabric simplifying scalability and resource orchestration. Composable NVMe unlocks the performance and efficiency necessary for a wide variety of use cases in artificial intelligence and machine learning, high performance computing, cloud, and edge computing environments.

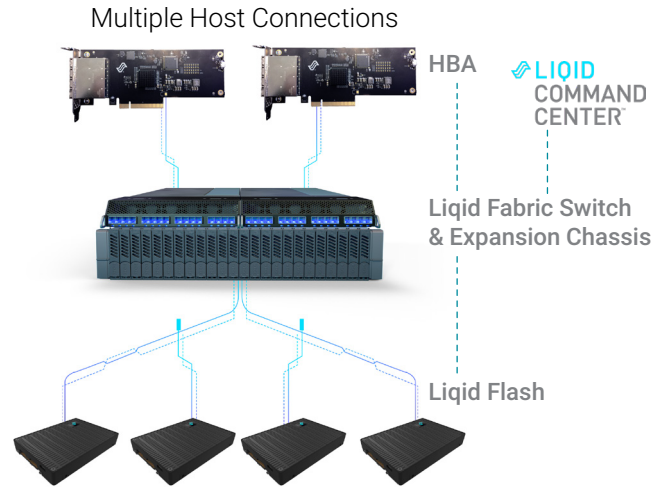
Liquid's intelligent PCIe fabric and Command Center orchestration software enables Liquid to deliver significantly

increased capacity and bandwidth for NVMe-based solutions, supercharging the most demanding applications for which lightning fast data manipulation is imperative. With the improved resource management and utilization, Liquid enables IT users to compose NVMe devices alongside with FPGAs, CPUs, GPUs, NICs, and other PCIe connected technologies.

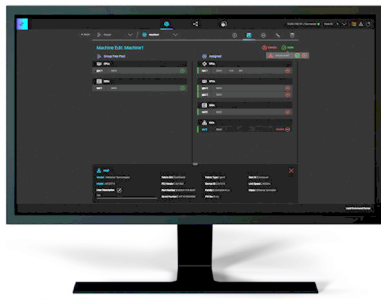
Composable NVMe on Liquid intelligent fabrics expand the promise of composability, allowing IT users to create and maintain a more efficient data center infrastructure to meet the crushing data performance requirements of today's high value compute intensive applications.

## Liquid Composable Flash Specifications

Architecture	Liquid Flash SSD Pool Connected Over PCIe
Capacity	Up to 376 TB per 2U Expansion Chassis
Scalability	Up to 100 Chassis
Host Interconnect	PCIe Gen3 (x16, x8, or x4 options)
Host Connections	Up to 8 Host per Chassis (8x4 or 4x8 or 2x16)
Max Host Count	100s Hosts with External PCIe Fabric Switch
Total Bandwidth	~64 GB/s – Full Duplex
Cabling to Host	Standard MiniSAS HD Cabling
Management SW	Liquid Command Center™
Fail Over	HA Optional Support
Power	700W (per Chassis)
Cooling	4x 35mm High Performance Fans



## Composable Bundle LQD8320 NVMe Flash JBOx



### Contents of the Solutions Bundle include:

Device	Quantity	Description
Software	1pcs	Liquid Command Center Management SW
Fabric	1pcs	Liquid Grid - PCIe Gen3 Fabric Switch
HBA	8pcs	Liquid PCIe Host Bus Adapters
Expansion	1pcs	PCIe Expansion Chassis
SSD	24pcs	NVMe U.2 SSD

\*All cables included

### Contact Information

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