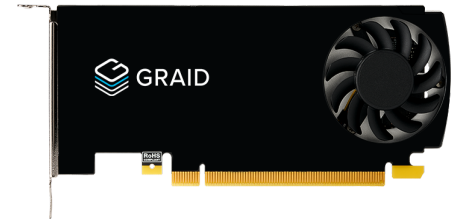


SupremeRAID™

SR-1000



Introducing the world's first NVMe and NVMeoF RAID card to unlock the full potential of your SSD performance. GRAID SupremeRAID™ removes the traditional RAID performance bottleneck to deliver world-record performance, comprehensive data protection, and unmatched flexibility at the lowest TCO on the market.



Unbeatable Performance

GRAID's cutting edge technology eliminates the traditional RAID bottleneck to unlock the full potential of your SSD performance. A single SupremeRAID™ card is capable of delivering **6 million IOPS and 100 GB/s of throughput**.

	RAID 5	RAID 6	RAID 10
NORMAL			
Random Read IOPS	6 M	6 M	6 M
Random Write IOPS	700 k	450 k	4 M
Sequential Read THROUGHPUT	30 GB/s GEN 3 90 GB/s GEN 4	30 GB/s GEN 3 90 GB/s GEN 4	30 GB/s GEN 3 100 GB/s GEN 4
Sequential Write THROUGHPUT	10 GB/s	10 GB/s	15 GB/s GEN 3 50 GB/s GEN 4
REBUILD			
Random Read IOPS	1.8 M	1.8 M	6 M
Random Write IOPS	600 k	400 k	4 M
Sequential Read THROUGHPUT	11 GB/s	11 GB/s	15 GB/s GEN 3 50 GB/s GEN 4
Sequential Write THROUGHPUT	9 GB/s	9 GB/s	8 GB/s GEN 3 45 GB/s GEN 4

Software Specifications

Supported RAID levels
RAID 0, 1, 5, 6, 10

Max Physical Drives
24

Max Drive Groups
4

Max Virtual Drives per Drive Group
8

Max Drive Group Size
Defined by physical drive size

OS Support
Linux: CentOS 8.3
openSUSE Leap 15.2
RHEL 8.4
SLES 15 SP2
Ubuntu 20.04
Windows Server 2019
Windows 10

Card Specifications

Host Interface
x16 PCIe Gen 3.0

Max Power Consumption
50 W

Form Factor
2.713" H x 6.137" L, Single Slot

Product Weight
132.6 g

Contact Us Now

CALL 1 (866) GRAID-10
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WEB graidtech.com

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