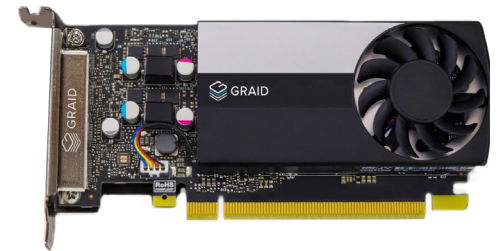


SupremeRAID™

SR-1000



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



World-Record Performance

Named one of the Ten Hottest Data Storage Startups of 2021 by CRN, as well as CES 2022 Innovation Award Honoree, GRAID SupremeRAID™ performance is breaking world records.

	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
32

Max Drive Groups
4

Max Virtual Drives per Drive Group
8

Max Drive Group Size
Defined by physical drive size

OS Support
Linux: CentOS 8.4, 8.5
openSUSE Leap 15.2, 15.3
RHEL 8.4, 8.5
SLES 15 SP2, SP3
Ubuntu 20.04
Windows Server 2019 x86-64
Windows 10 x86-64

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 GRAID Today

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

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