HPC Solutions

143 Union Blvd Suite 300, Lakewood, CO 80228

NEXGEN™ STORAGE
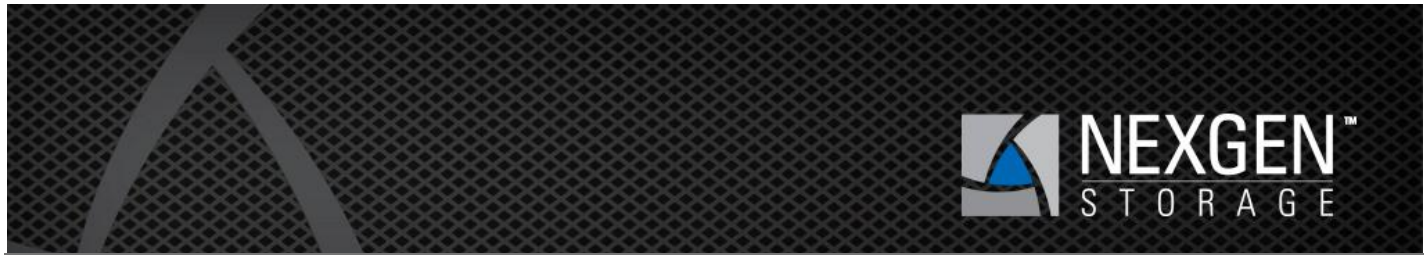
Information Technology (IT) | Communications/AV/Collaboration | Engineering | Professional Staffing

8(a) | STARS II | GWAC | WOSB | SDB | DBE

n5 Storage System

Take control of your storage performance

Are you tired of grappling with the storage performance challenges of your application workloads? NexGen makes storage woes a thing of the past with its PCIe SSD storage system with Quality of Service (QoS), the first storage offering designed from the ground up to manage performance just like capacity. Unlike any shared storage system available, NexGen offers both Storage QoS for managing performance and Service Levels to ensure mission-critical application performance no matter what happens. At the same time, NexGen's PCIe solid-state architecture avoids performance bottlenecks to offer the best price/performance ratio of any midrange storage solution.

Every NexGen n5 Storage System is managed by the ioControl operating environment.

ioControl Operating Environment

Consolidated storage management for multi-purpose storage environments

Quality of Service

Provisioning performance with Quality of Service (QoS) ensures predictable performance

- Volume QoS
- Service levels
- Live policy migration

Dynamic Data Placement

Real-time tiering capabilities to maximize system resource utilization

- Real-time, not batch
- Heuristics-based
- QoS driven

Data Reduction

Phased data reduction, thin provisioning features to ensure optimal capacity utilization

- Inline pattern matching
- Thin provisioning
- Variable block ingest

*Patents pending

GSA

Call Us: (877) 216-9270

NEXGEN™ STORAGE

NexGen n5 Storage System Hardware Specifications

	n5-50	n5-100	n5-150
Solid-state Capacity	770 GB	1,280 GB	2,400 GB
Max Solid-state Capacity	1,460 GB	2,560 GB	4,800 GB
Raw Capacity	16 TB	32 TB	48 TB
Max Raw Capacity	160 TB	176 TB	192 TB
IOPS	50,000*	100,000*	150,000*
Storage Processors	Dual Active-Active		
RAM	48 GB		
RAID	RAID-6, hot-swap disk drives		
Network Interfaces	Data: (4) 10GbE + (8) 1GbE, Management: (4) 1GbE		
Storage Protocol	iSCSI		
Management Protocol	HTTP		
Hardware Availability	Redundant storage processors, fans, power supplies, and network connections Dual port SAS drives		
Power	100 - 140V, 50 - 60Hz, 8 - 11.5 Amp, 180 - 240V, 50 - 60Hz, 5.5 - 8 Amp		
Environmental	Operating Temp: 10' to 35' C, (50' to 95' F), Operating Relative Humidity: 8% to 90% non-condensing, Non-Operating Temp: -40' to 70' C, (-40' to 158' F), Non-Operating Relative Humidity: 5% to 95% non-condensing		
Physical	Height: 5.2" (3 EAI rack units), Width: 17.2", Depth: 25.5", Weight: 75 lbs		

Support Options (1 yr, 3 yr, 5 yr)

Mission Critical Support	7 day x 24 hour phone support with onsite parts
Business Critical Support	7 day x 24 hour phone support with next business day parts 5 day x 9 hour phone support with next business day parts

NAICS: 561 Administrative & Support | 517 Telecommunications | 541 Professional & Technical | 561 Administrative & Support | 811 Repair & Maintenance

Federal Contracting Experts – Past Performance Examples
Dept of Defense | Dept of Education | General Services Administration | Dept of Commerce | Peace Corps | Dept of the Interior