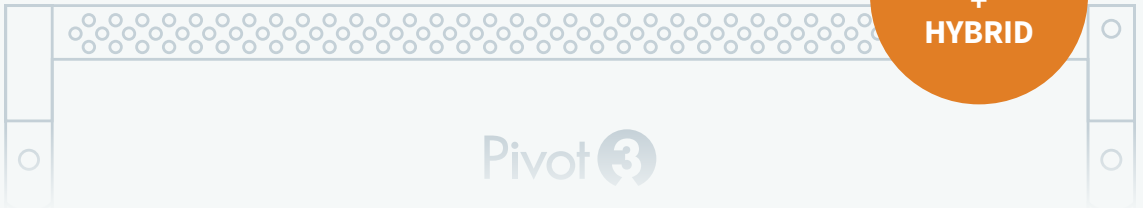


N5 PCIe Flash Arrays

Ensure flash performance aligns with business priorities.



INTEGRATED
PCIe FLASH
ULTRA-LOW LATENCY

PRIORITIZE
APPLICATIONS

MEET
SERVICE LEVELS

UP TO
450,000 IOPS

UP TO
6.0 GB/s
THROUGHPUT

Manage performance of applications without the burden of complex overhead.

Pivot3 provides innovative all-flash and hybrid flash arrays that deliver predictable performance and better economics through an innovative architecture that leverages PCIe flash and advanced storage Quality of Service (QoS). Unlike other arrays that treat all data the same, Pivot3's dynamic storage QoS governs performance targets, I/O prioritization and data placement, allowing you to meet Service Level Agreements (SLAs). Pivot3 flash arrays deliver the predictable application performance your end-users require, along with industry-leading performance, density and management simplicity.



SET TARGETS

Preconfigured Policies

Manage Performance Min/Max Levels



MANAGE PRIORITIES

Resources Allocated to
Critical Workloads

Priorities Managed in Real Time



PLACEMENT

Real-Time, Automated Data Movement

Management Simplicity

Manage via web and CLI, as well as converged management within VMware vCenter Server that simplifies storage management for virtualization administrators. In-depth performance metrics and analytics provide real-time intelligence for insight and decision making. All features are included at no additional cost, including data protection with integrated snapshot and replication.

Prioritize What Matters Most

Align each workload's performance to its business value with simple to apply, policy-based prioritization. Set targets that govern prioritization and automated data placement, all at a level of granularity that matches the dataset — either the LUN/datastore level or down to the individual VM/VMDK level.

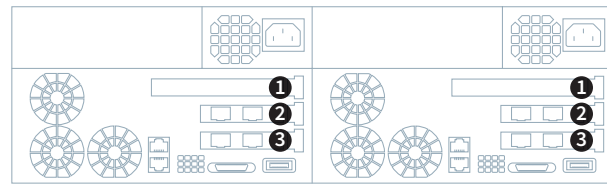
PCIe Flash Architecture

PCIe-flash integration means flash is closest to RAM and CPU on each storage processor for lowest latency performance. Our innovative multi-tier architecture is designed to encompass RAM, PCIe-flash, SSDs and HDDs storage tiers, as well as future media types, all managed by Storage QoS to deliver on your application SLAs.

Data Reduction Technologies

Three powerful data reduction technologies provides I/O reduction for a 2.5x performance, I/O consolidation for 4x flash endurance and inline data reduction for a 2:1 capacity reduction.

N5 PCIe Flash Array Specifications



SLOTS: 1. PCIe Flash Card 2. 10 GbE or Available PCIe Flash Performance Pack 3. 10 GbE *Data parts vary by model.

ALL-INCLUSIVE FEATURES

- Quality of Service
- Service Levels
- Dynamic Data Path
- Prioritized Active Cache
- Data Reduction
- Data Protection (Snapshot and Replication)

HARDWARE AVAILABILITY

- Storage Processors
- Redundant, Hot Swap Power Supplies
- Redundant Network Connections
- RAID, Hot Swap SSD/HDD Drives
- Redundant Fans

VMWARE INTEGRATION

- VAAI
- VASA
- vCenter Plug-in
- MPIO ALUA
- Virtual Volumes
- Horizon View Proven Storage

SUPPORT

- Software/Firmware Updates
- Hardware Parts Replacement
- Performance and Capacity Expansion Packs covered by N5 support contract
- Proactive Phone-Home Monitoring (via Internet)
- Direct Access to Pivot3 Support Engineers (via Phone and Email)

ALL-FLASH ARRAYS

N5-1500



450,000 IOPS*
6.0 GB/s**

*4K Reads. **256K Reads.

N5-6000



RAM	
96 GB	192 GB
PCIe Flash	
2.6 TB	
SSD Capacity	
15 TB (60 TB Max)	60 TB (240 TB Max)

Network Interfaces

Data: (8) 1/10 GbE SFP+ or (8) 1/10 GBT RJ45, iSCSI
Management: (4) 1 GbE RJ45, http, https

HYBRID ARRAYS

N5-200



150,000 IOPS*
2.0 GB/s**

*4K Reads. **256K Reads.

N5-300



200,000 IOPS*
2.4 GB/s**

N5-500



225,000 IOPS*
2.7 GB/s**

N5-1000



250,000 IOPS*
3.0 GB/s**

RAM			
96 GB	192 GB		
PCIe Flash			
2.0 TB (7.2 TB Max)	2.6 TB (7.8 TB Max)	5.2 TB (10.4 TB Max)	10.4 TB (15.6 TB Max)
HDD Capacity			
32 TB (128 TB Max)	64 TB (448 TB Max)	64 TB (448 TB Max) / 128 TB (512 TB Max)	

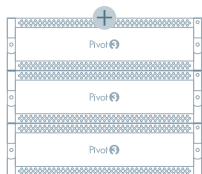
Network Interfaces

Data: (4) 1/10 GbE SFP+ or (4) 1/10 GBT RJ45, iSCSI
Management: (4) 1 GbE RJ45, http, https

SCALABILITY OPTIONS

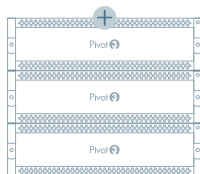
Capacity Packs (SSD Shelves)

3x 15 TB



Scale up to 60 TB

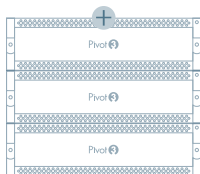
3x 60 TB



Scale up to 240 TB

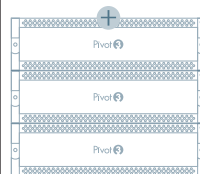
Capacity Packs (HDD Shelves)

3x 32 TB



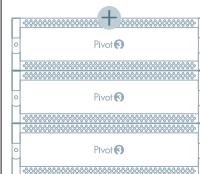
Scale up to 128 TB

3x 32/64/128 TB



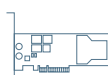
Scale up to 448 TB

3x 32/64/128 TB



Scale up to 512 TB

Performance Pack



Add an additional 5.2 TB of PCIe Flash for increased performance

For more information, visit Pivot3.com