

# Pivot3 Acuity HCI

9x  
PERFORMANCE

Breakthrough performance, prioritized to power your business.

3x  
VM DENSITY

Pivot3's Acuity hyperconverged software platform overcomes the performance limitations of conventional hyperconverged infrastructure (HCI). Pivot3's innovative, multi-tier architecture with NVMe flash datapath is orchestrated by advanced Quality of Service (QoS) that simplifies performance management and puts an end to resource contention. Now IT can confidently consolidate a broader set of workloads on a single infrastructure platform and deliver guaranteed performance to the applications that power the business.

62%  
LOWER LATENCY

## Performance-Architected

Pivot3's state-of-the-art, multi-tier storage architecture combines NVMe PCIe flash, SSD, HDD and RAM in each HCI node for faster performance and cost-effective capacity utilization. With the breakthrough performance levels of NVMe flash, the consolidation of latency-sensitive applications on HCI is now a reality. Additionally, Pivot3's distributed scale-out architecture aggregates the capacity, IOPS, bandwidth and cache of each node into highly-available resource pools that deliver maximum storage performance to your applications.

## Policy-Based

Making performance easy to manage starts with offering five flexible QoS policies that can be assigned to each workload, without having to know exact performance requirements. For recurring business needs (i.e. quarterly reporting and batch processing) policy changes can be easily scheduled to prioritize performance as needed. By automating policy changes, QoS scheduling gives IT the agility to support the business as application priorities and workloads change. In addition to performance QoS policies, data protection QoS policies ensure snapshots are prioritized and automated to align with changing data protection needs.

## Priority-Aware

High performance storage by itself is not enough – it must be delivered to the most important business applications when it counts. Intelligent prioritization capabilities through Pivot3's advanced QoS policies set minimum levels for IOPS, throughput and response times for each application. Additionally, Service Levels associated with each QoS policy prioritize performance resources accordingly, ensuring mission-critical workloads meet their service levels during periods of resource contention or degraded mode conditions.

## Efficient and Scalable

Pivot3 effectively resolves the tradeoff of capacity utilization for availability inherent in most HCI solutions that rely on replication for data protection. Patented erasure coding provides an optimal combination of efficiency, protection and performance your business needs for uninterrupted operations. Pivot3's distributed scale-out architecture also enables efficient, non-disruptive scalability by pooling all system resources, which expands with each added HCI node to the cluster. This modular approach to linear scalability means you buy only what you need as your business grows.

## Pivot3 Acuity Hyperconverged Infrastructure

### NEXT GENERATION PERFORMANCE

- Multi-tier Architecture
- NVMe Flash Read/ Write Cache and Tiering
- QoS Performance Limits
- QoS Service Levels
- Scale-out Architecture

### ADVANCED POLICY-BASED MANAGEMENT

- Performance QoS Policies
- Data Protection QoS Policies
- QoS Policy Scheduler
- QoS Performance Metrics

### COMPREHENSIVE DATA SERVICES

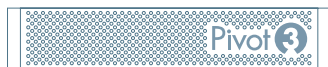
- Patented Erasure Coding
- Snapshots and Clones
- Application Integration
- Data Reduction/ Thin Provisioning
- External Storage and Server Support
- vSphere Integration (VAAI, PSA, vCenter)
- Phone Home Capability



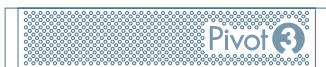
- PRIORITY-AWARE  
AUTOMATIC WORKLOAD PRIORITIZATION
- POLICY-BASED  
ADVANCED QUALITY OF SERVICE
- PERFORMANCE-ARCHITECTED  
NVMe PCIe MULTI-TIER ARCHITECTURE
- EFFICIENT AND SCALABLE  
SHARED STORAGE POOL

## ACUITY HYPERCONVERGED X-SERIES

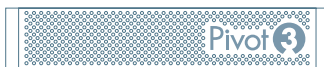
### X5-6500



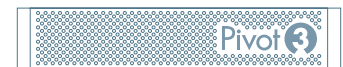
### X5-6000



### X5-2500



### X5-2000



#### Node Type

Flash Accelerator HCI Node

Flash Standard HCI Node

Hybrid Accelerator HCI Node

Hybrid Standard HCI Node

#### Max Domain Size

Unlimited

Unlimited

Unlimited

Unlimited

#### Max Cluster Size

16 Nodes

16 Nodes

12 Nodes

12 Nodes

#### CPU Cores

Dual 18 Core Intel E5-2695 v4

Dual 18 Core Intel E5-2695 v4

Dual 18 Core Intel E5-2695 v4

Dual 18 Core Intel E5-2695 v4

#### Memory

256 GB – 1536 GB

256 GB – 1536 GB

256 GB – 1536 GB

256 GB – 1536 GB

#### NVMe PCIe Flash Capacity

1.6 TB

-

1.6, 2.0 or 3.2 TB

-

#### HCI Node Capacity in TB\*

3.2, 3.8, 6.4, 7.6 12.8, 15.3, 30.7 SSD

3.2, 3.8, 6.4, 7.6 12.8, 15.3, 30.7 SSD

12, 24, 48 TB HDD

12, 24, 48 TB HDD

#### Optional GPU\*

1x NVIDIA Tesla (M10, M60)

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#### PCoIP Offload\*

1x Teradici

1x Teradici

1x Teradici

1x Teradici

#### Network Interfaces\*

8x10 GbE RJ45 or 8x 10 GbE SFP+ or  
6x10 GbE RJ45 and 2x1 GbE RJ456x10 GbE RJ45 or 6x10 GbE SFP+ or  
4x10 GbE RJ45 and 2x1 GbE RJ458x10 GbE RJ45 or 8x10 GbE SFP+ or  
6x10 GbE RJ45 and 2x1 GbE RJ456x10 GbE RJ45 or 6x10 GbE SFP+ or  
4x10 GbE RJ45 and 2x1 GbE RJ45

\* Two node types are available for each X5 shown above. Capacity, GPU, PCoIP and network options may differ between X5 type. Please see Pivot3 Technical Specifications Guide for details.

For more information, visit [Pivot3.com](http://Pivot3.com)

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