

COMPUTE. STORAGE. RESILIENCE.

Enterprise infrastructure engineered for AI, analytics, cybersecurity, and mission-critical operations.



COMPUTE SERVERS

High-performance systems for demanding workloads



HCI PLATFORMS

Hyper-converged infrastructure for simplicity and scale



ENTERPRISE STORAGE

High-capacity, high-availability storage for modern data



HIGH AVAILABILITY

Resilient architectures for continuous operations

BUILT FOR PERFORMANCE. | DESIGNED FOR SCALE.



ASTRA SERIES COMPUTE PLATFORM

High-performance AI compute server purpose-built for demanding workloads that require extreme processing capacity, scalable memory architecture, and uninterrupted operational readiness.



128 

PROCESSING CORES

Massive parallel compute for AI and analytics

256 

PARALLEL THREADS

Optimized for multi-threaded and high-density workloads

4 TB 

MEMORY CAPACITY

Scalable memory architecture for in-memory performance

18 TB 

STORAGE CAPACITY

High-speed storage for mission-critical data

BUILT FOR



AI PLATFORMS

Powering training, inference, and advanced AI models.



INTELLIGENCE OPERATIONS

Reliable compute for secure and sensitive workloads.



ANALYTICS WORKLOADS

High-throughput processing for real-time insights.



CYBERSECURITY INFRASTRUCTURE

Built for threat detection, simulation, and response workloads.

PURPOSE-BUILT ADVANTAGES



MISSION-GRADE RELIABILITY

Engineered for continuous operation in the most demanding environments.



SCALABLE ARCHITECTURE

Expand compute and memory resources as your workloads evolve.



SOVEREIGN INFRASTRUCTURE

Maintain full ownership of data, systems, and workloads.



ECOSYSTEM READY

Optimized for Pinaca intelligence and cybersecurity platforms.

Engineered for performance.
Built for mission-critical operations.

// HYPER-CONVERGED INFRASTRUCTURE



PINACA HCI PLATFORM

A unified, scalable, and highly available infrastructure platform engineered to power critical enterprise applications and data-intensive workloads.



72+

CPU CORES

Total



384 GB

MEMORY

Total RAM



50 TB

USABLE STORAGE

SSD Based



3

NODE CLUSTER

High Availability

CORE ADVANTAGES



**HIGH
PERFORMANCE**

Dual processor architecture with enterprise-grade components for maximum compute efficiency.



**SCALABLE
STORAGE**

Start at 50 TB usable storage and scale up to 500 TB as your needs grow.



**HIGH
AVAILABILITY**

3-node cluster architecture ensures continuous availability and data protection.



**HIGH-SPEED
NETWORKING**

10 Gbps networking for seamless performance and low-latency access.

**BUILT FOR
ENTERPRISE
RESILIENCE.**

From virtualization to databases and AI workloads, Pinaca HCI delivers the performance, capacity, and reliability required to run your business without compromise.



VIRTUALIZATION

Consolidate workloads with high efficiency and resource optimization.



DATABASES

High IOPS and low latency for mission-critical database performance.



AI WORKLOADS

Accelerate AI/ML training and inference with powerful compute and fast storage.



**DATA-INTENSIVE
APPLICATIONS**

Handle big data, analytics, and enterprise applications with confidence.

BUILT FOR PERFORMANCE. | DESIGNED FOR SCALE.



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