

Inspur inMerge1000 HCI

Open, Enterprise-Class HCI Solution That Scales Quickly and Flexibly



The Inspur inMerge1000 HCI is a platform for rapid deployment of hyperconverged infrastructure (HCI). With leading stability, openness and functional extensions, it greatly reduces the complexity of the deployment, operation and maintenance of hyperconverged platforms for enterprise customers while enabling simultaneous IT expansion and business growth.

Product Features

Excellent Stability

- Developed jointly by Inspur and Nutanix, a leading vendor of hyperconverged infrastructure, and designed based on DSF (Distributed Storage Fabric), the Inspur inMerge1000 HCI provides a wide range of advanced storage functions, such as performance acceleration, data compression, deduplication, data protection and disaster recovery.
- VM-centric system architecture design for fine-grained resource management and enhanced system efficiency.
- Joint laboratories established in both China and the United States for in-depth cooperation in the development of HCI technology and joint exploration of HCI application scenarios based on real-life requirements.

Open Convergence

- The Inspur inMerge1000 HCI is natively embedded with the Nutanix AHV virtualization platform and provides migration tools for mainstream virtualization platforms, at no additional costs.
- Taking into account the actual requirements of users, the HCI also supports other mainstream virtualization platforms in the industry, such as VMware and Microsoft Hyper-V.

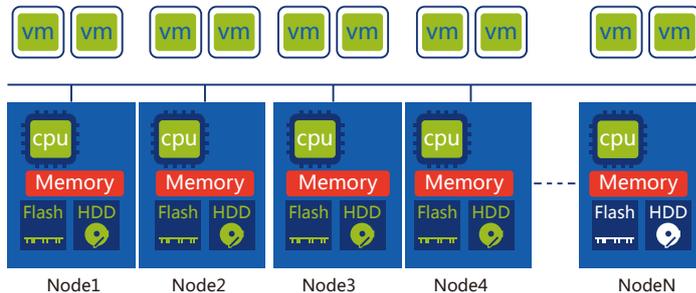
Convenient Operation and Maintenance

- Inspur inMerge1000 is pre-configured in the factory, eliminating the need for software installation at the deployment site; only some simple personalization is required before launching.
- Customers who have already deployed the Nutanix hyperconverged environment can integrate the Inspur inMerge1000 into the existing environment, with quick operations for most configuration management.
- All hyperconverged components can be operated on a unified management platform, which greatly reduces manual work in management and operations as well as unpredictable losses caused by system risks.

Flexibility and Scalability

- inMerge1000 enables on-demand configuration, where a small data center with full functionality can be built with a minimum of just 3 nodes and later scaled up with any number of nodes according to the needs of future business growth.
- With the unique hyperconverged software architecture features provided by Nutanix, the inMerge1000 eliminates the upper limit to the scale of hyper-converged systems so that users do not have to worry about service expansion limits due to platform size limits, thereby avoiding complex operations and maintenance management.

Product Architecture



Computing, Storage and Management

Based on a distributed design architecture, the inMerge1000 HCI is both a storage node and a management node. It facilitates the horizontal expansion of the entire hyperconverged system in a highly simplified hardware environment, providing high reliability and manageability while eliminating system I/O bottlenecks.

Switching Devices

Compatible with most mainstream switching devices that comply with network switching rates and delays, without specific requirements for vendors and models of network switching facilities.

Product Specification¹

Model	inMerge1000 HCI All-in-one System ²
Processor	Supports 2 Intel® Xeon® scalable processor family CPUs with 16–56 physical cores
RAM	192GB/384GB/768GB/1.5TB
Storage	SSD storage: 2/4, 480GB/960GB/1.92TB SAS HDD storage ³ : 4–10, 2TB/4TB/6TB/8TB System disk: M.2 SSD hard disk
Network	Supports 2–4 Gigabit or 10-Gigabit Ethernet ports
Software system	Nutanix Acropolis OS + Prism (opt. Pro)
Virtualization environment	Nutanix AHV, VMware vSphere, Microsoft Hyper-V
Operating temperature	5°C–45°C ⁴
Power input	90 V~264 V AC or 200 V ~ 300 V DC
International certifications	ISO 9001 Quality Management Systems ISO 14001 Environmental Management Systems
Overall size	87mm (H) x 435mm (W) x 780mm (D)

Note 1: Compatible components of the product (including but not limited to the type) may be added or eliminated as the product compatibility improves and industry technology evolves.

Note 2: The inMerge1000 consists of at least three nodes.

Note 3: To ensure the performance, the number of SAS HDDs should be two or more times that of SSDs.

Note 4: Temperature adaptability of working environment may be adjusted according to configuration.