

**Benefits:**

- Great price-performance combined with large data storage and availability
- Fast, proven and stable virtualization platform
- Easily scalable
- Less complex, fast switching storage networking
- No proprietary licensing or vendor-lock
- Reliable: Increased uptime for business continuity
- Node configuration adaptable to business needs



Virtualization

Storage

Networking



Minimum configuration: 3 FLEXCloud nodes (servers)  
2 10G Ethernet commutator

**Features:**

- Software-defined data storage, virtualization and networking services
- Horizontal scaling of computing and storage capacity as needed
- Vendor agnostic hardware (Intel-x86)
- Ultra-fast NVMe flash storage tier combined with large NL-SAS HDD capacity
- Based on OpenStack, one of the largest cloud computing platforms: elastic, inexpensive, secure and adaptive to growing business needs
- Configurable CPU class, number of cores, RAM, and storage media capacity
- Built-in failover, data replication, and disaster recovery
- Object storage (*optional*)
- Hybridization with commercial IaaS cloud platforms such as Amazon EC2 and Rackspace (*optional*)

	Traditional Infrastructure	Hyper-converged Infrastructure
Scalability	Limited vertically	Limited to data center facility
Complexity	4 device types with longer problem resolution times	Just 2 device types
Performance limits	Segmented storage - hits limits early	All disks evenly contribute to storage performance and self-healing functions
Price	Expensive (SAN)	Inexpensive (10G Ethernet)
Vendor-lock	Strong (proprietary licensing)	No
		