

# KloudStor Storage as-a-Service

A fully managed storage service that delivers value through On-Premise and Secured storage infrastructure based on a pay-per-consumption model. The service methodology encompasses flexible and scalable storage demands that meets to changing business and application growing needs

## Overview

In today's dynamic IT environment, companies are flooded with an overwhelming influx of data each day. With the amount of data increasing exponentially, and often unpredictably, the need to balance storage requirements, flexibility and cost has become a growing concern for IT professionals. The traditional model of upfront hardware purchases is increasingly challenging in the light of changing requirements and business needs. KloudStor's Storage-as-a-Service is an alternative that will deliver a utility model for storage with the flexibility to scale up, down and even swap capacity and performance storage as business demands. All while maintaining the access, control, and security of on-premise storage.

## KloudStor Storage as-a-Service: A new paradigm for storage

KloudStor Storage-as-a-Service offers a complete portfolio of managed storage solutions delivered on premise with a pay-per-use consumption model. This allows businesses to focus on their core business while being able to meet the requirements of changing storage needs with on-demand scalability and flexibility. It includes remote monitoring and management of the storage, ensuring availability, optimized performance, and protection. There are no long contract periods and no huge upfront investments.

## Providing Business Values to You

Any Protocol | Any Data Type | Any Location

### Ease Your Cashflow

- No upfront investment
- Just pay for what you Use

### Focus on growing your business

- Technology Refresh
- Remote Monitoring & Management by KloudStor

### Peace of Mind

- Capacity on demand
- Scale up or down

### Performance & Security

- On Premise equipment
- Intelligent fault diagnosis
- Data Protection



**Improve Business Cashflow**



**Scalable, Agile & Flexible Deployment**



**Increase Operational Efficiency**



**Optimal Performance & Security**



**Right size Solution & Resources**

# KloudStor Storage-as-a-Service

## KloudStor Storage as-a-Service

Suite of enterprise-class features designed for customers with demanding storage requirements, high availability and business continuity planning needs. The solutions allows business enterprises to leverage on speed and performance capabilities at a cost optimized scale



## Technical Specifications \*

Base Features	Auto-tiering, Snapshots, Asynchronous replication   Storage Pool   Caching   De-Duplication   Load-Balancing
High Availability Features	Redundant hot-swap controllers   Redundant hot-swap drives, fans, power   Hot standby spare   Automatic failover   Multi-Path support
Device Support	NL-SAS HDD, SAS HDD, SSD
Data Protection	RAID levels up to 50   RAID(OS)   ADAPT   Erasure Coding   Mirror and Parity   High Availability   Continuous Data Protection

### Physical

Dimensions/Weight	Height - 43mm - 223mm   Width - 434mm - 482mm   Depth - 545mm - 981mm   Weight - 30kg - 135kg
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### Network

Network Protocols	CIFS / SMB for Windows   HTTP/S for Web browsers   S3 Compatible API
Network Services	DHCP or Static IP address assignment
Supported Network Client OS	Microsoft Windows 8.1, 10 & 11   Windows Server 2016, 2019 & 2022   Linux

### Hosts

Interface	Fibre Channel   iSCSI   SMB   CIFS
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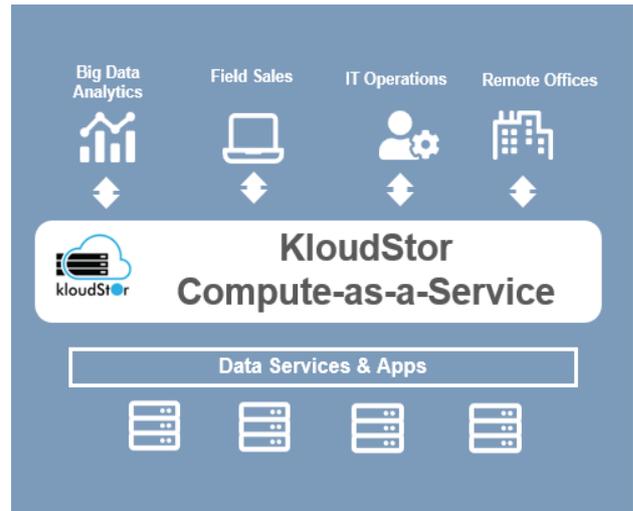
### Management

Interface Types	10/100/1000 Ethernet, Mini USB
Protocols Supported	SNMP, SLL, SSH, SMTP, HTTP(s)
Management Consoles	WEB GUI, CLI
Management Software	Storage management console   Remote diagnostics   Nondisruptive updates   Volume expansion
Supported Web Browsers	IE 8.0 , Microsoft Edge, Google Chrome & Firefox

*\*Specification varies according to actual hardware requirements, system configuration, workload and service configuration and set-up*

## KloudStor Compute-as-a-Service

Suite of Software-Defined solutions powered by Hyper-Converged infrastructure settings catered for customers who have large-scaled storage system needs, complex multi-site management and optimal performance requirements



## Technical Specifications \*

Base Features	Auto-tiering, Snapshots, Asynchronous replication   Storage Pool   Caching   De-Duplication   Storage Load-Balancing   High Speed Caching   Quality of Service Controls   Thin Provisioning
High Availability Features	Redundant hot-swap drives, fans, power   Dual power cords   Hot standby spare   Automatic failover   Multi-path support
Device Support	NL-SAS HDD, SAS HDD, SSD
Data Protection	RAID levels 1,5,6 & 10   Asynchronous Replication   Synchronous Mirroring   Snapshots / Backups
<b>Physical</b>	
Dimensions/Weight	Height - 43mm   Width - 482mm   Depth - 749mm   Weight - 16.58kg
<b>Network</b>	
Network Protocols	CIFS / SMB for Windows   HTTP/S for Web browsers
Network Services	DHCP or Static IP address assignment
Supported Network Client OS	Microsoft Windows 8.1, 10 & 11.   Windows Server 2016, 2019 & 2022   Linux
<b>Hosts</b>	
Interface	Fibre Channel   iSCSI   SMB   CIFS
<b>Management</b>	
Interface Types	10/100/1000 Ethernet
Protocols Supported	SNMP, SLL, SSH, SMTP, HTTP(s)
Management Consoles	WEB GUI, CLI
Management Software	Storage management console   Remote diagnostics   Nondisruptive updates   Volume expansion
Supported Web Browsers	IE 8.0 , Microsoft Edge, Google Chrome & Firefox
Hypervisor	VMWare   Hyper-V

\*Specification varies according to actual hardware requirements, system configuration, workload and service configuration and set-up



For more information, please visit [www.kloudstor.asia](http://www.kloudstor.asia) or email us at [enquiry@kloudstor.asia](mailto:enquiry@kloudstor.asia)