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**KRONICLES kCompute**

HyperConverged Infrastructure

**Datasheet**

Many organizations are challenged with managing massive data and the pain of finding an ideal solution that is flexible and scalable enough to fit large data workflow and constant upgrades without compromising on budget, performance, and security requirements.

Kronicles kCompute provides the complete enterprise-grade solution that combines compute resources and storage needs in a single platform, centrally managed and monitored to meet today’s storage demands.

**THE COMPLETE SOFTWARE-DEFINED STORAGE SOLUTIONS**

The solution leverages on hyper-converged infrastructure with the ability to integrate with private or public cloud or on premise, enabling the best speed, performance, and access of data applications. It is powered by enterprise-grade storage virtualization technology with the ability for data placement across diverse and multiple storage requirements.

**ELASTIC AND SIMPLE**

The solution is driven by a block-level storage virtualisation technology which allows you to consolidate your unstructured data or customise your storage clusters based on your choice of components (SDDs, HDDs, hypervisors, etc) with the ability to seamlessly integrate them into your existing storage infrastructure. Kronicle’s kCompute simplifies the management and deployment storage network with web-based centralized monitoring and management module

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**FEATURES & BENEFITS**

**Secure, resilient converged architecture**

Combines compute and storage to create a powerful and efficient enterprise-grade storage solution

**Automated Scaling**

Automatic scaling of computing resources to ensure high availability, performance, and optimal resource utilisation to meet evolving business requirements

**Centralised Management**

Policies can be defined across locations while keeping resource at optimal utilisation level. Every single piece of software/ patch that needs to be installed can be managed centrally

**Enterprise-grade management system**

Intelligent lead balancers routes traffic according to application or network requirements and allows the distribution of compute and/or networking capacity wherever it is needed

Existing systems can be patched or installed, and applications updated with ease. It can also track of the exact number of licence that requires compliance according to your company policies.

**PAY PER CONSUMPTION MODEL**

Pay only for what is consumed and when it is needed with no long-term commitments nor egress or ingress charges. The service is fully managed and monitored by Kronicles, giving you a peace of mind to run your core business operations

**FLEXIBLE AND SCALABLE**

Kronicle’s kCompute builds on a platform which allows modular architectures to work like a single solution. Add or reduce storage arrays flexibly and scale your storage requirements according to the configuration based on your business requirements.

**EASE OF DEPLOYMENT AND MANAGEMENT**

Storage solutions and data applications are centrally managed and monitored, thereby enabling you to deploy and automate your capacity provisioning with ease, and control.

**ON PREMISE OR CLOUD-BASED NETWORK PLATFORM**

The solution combines the comprehensive cloud-based benefits with the security and performance of an on-premise environment.

**MULTI-TENANCY ARCHITECTURE**

Multi-tenancy enables IT to deliver your data storage and compute requirements for within your organisation’s internal departments or by projects, across geo-locations with the options of differing or similar policies to be applied.

**LEARN MORE :**

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**TECHICAL SPECIFICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Features** |  |  | **Physical & Network** | |
| **Base Features** | Auto-tiering, Snapshots, Asynchronous replication, Storage Pool, Caching, De-Duplication, Storage Load-Balancing, High Speed Caching, Quality of Service Controls, Thin Provisioning |  | **Dimensions/Weight** | Height - 43mm | Width - 482mm | Depth - 749mm | Weight - 16.58kg |
| **High Availability Features** | Redundant hot-swap drives, fans, power, Dual power cords, Hot standby spare, Automatic failover, multi-path support |  | **Network Protocols** | CIFS, SMB for Windows, HTTP/S for Web browsers |
| **Device Support** | NL-SAS HDD, SAS HDD, SSD |  | **Network Services** | DHCP or Static IP address assignment |
| **Data Protection** | RAID levels 1,5,6 & 10, Asynchronous Replication, Synchronous Mirroring, Snapshots, Backups |  | **Supported Network Client OS** | Microsoft Windows 8.1, 10 & 11., Windows Server 2016, 2019 & 2022, Linux |
| **Interface** | Fibre Channel, iSCSI, SMB, CIFS |  |  |  |
|  |  |  |  |  |
| **Management** |  |  | **Support** |  |
| **Interface Types** | 10/100/1000 Ethernet |  | **Reports** | Monthly Report, Management GUI |
| **Protocols Supported** | SNMP, SLL, SSH, SMTP, HTTP(s) |  | **Support** | Remote monitoring, Service review & Consultancy, Capacity Threshold Notification, Pre-implementation Consult, Change Request & Configuration |
| **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*

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**ABOUT KRONICLES ASIA**

Kronicles is a leading-edge provider of enterprise data management solutions in Asia with the support of a unique and innovative business model built upon technologies that provide the ultimate protection for critical and sensitive data. Headquartered in Singapore, Kronicles addresses the growing challenges of data storage, backup and recovery in seven countries in Asia: Singapore, Philippines, Malaysia, Thailand, Indonesia, India and China. Kronicles Asia delivers a fully managed end-to-end solution with on-premise hardware, cloud-based dedicated connectivity or offsite data storage and replication as a fully managed service, paid for on a monthly basis.