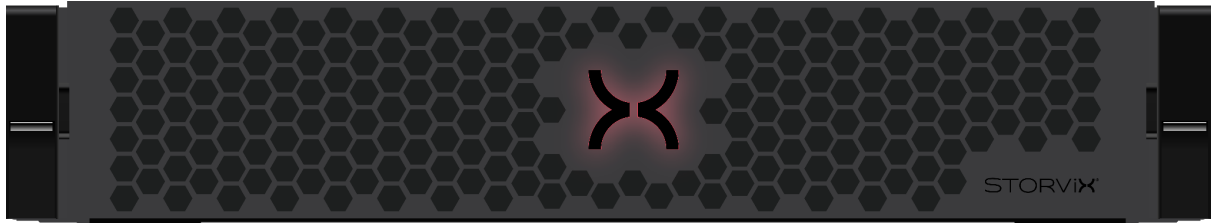


AiRE IntelligentFiler

3200 series



Overview

AiRE IntelligentFiler is empowered with a modern and features-rich exclusive software stack that unifies the extreme power of CORE, an enhanced storage-optimised pure UNIX operating system that leverages a next-generation file system for data services, **AiRE** a state-of-the-art Operating Environment with integrated A.I. capabilities and **CloudSight** a cloud-based deep analytics and management tool.

Features

OPTIMISED FOR A WIDE RANGE OF WORKLOADS

The adaptive block size will perfectly match your application on-disk behaviours, even if it has to change during time. Automatically.

FLASH FIRST HYBRID DESIGN

Maximize both price-performance and price-capacity.

SAAS DELIVERY MODEL

Keep simply synced with the latest innovations and improvements.

CLOUD-BASED ANALYTICS AND MANAGEMENT

Take the next step to data management and administration.

TRUE CONCURRENT MULTIPROTOCOL SUPPORT

Consolidate both SAN and NAS in a dual-active controller architecture.

3200 series

Model 3285

The 3285 is the high-end enterprise solution of AiRE IntelligentFiler Hybrid Flash Product Line engineered to deliver the best performance and capacity in general-purpose scenarios with integrated always-on data protection in a reduced space to consolidate and optimise both the rack unit and the energy consumption. Its primary use case covers the high-throughput scenarios such as archiving and backup or multimedia streaming.

Specifications

SPU FORM FACTOR	RACK 3U / active-passive controller
DES FORM FACTOR	-
RAW CAPACITY	112 TB
SUPPORTED DRIVES TYPE	7.2k RPM LFF SAS HDDs / eMLC SFF SAS SSDs
L1 GENERAL CACHE	128 GB (per controller)
L2 WRITE CACHE	200 GB
L2 READ CACHE	400 GB
NETWORK CONNECTIVITY	1x IPMI iKVM, Management, Replication + 2x 10GbE-SFP (per controller)
PROCESSOR	2x Intel® Xeon E5-2620v4 (per controller)
POWER SUPPLY	Redundant platinum
SOFTWARE	STORVIX AiRE IntelligentFiler software bundle full license w/ SmartCARE

SUPPORTED STORAGE POOL SOFTWARE RAID PROFILES								
3258	DATA			HDD	L2WC	L2RC	US ¹	ES ²
	A	SM2	12x RAID GROUPS IN STRIPED MIRROR PROFILE WITH 2x GLOBAL HOT SPARE	8 TB	200 GB	400 GB	50 TiB	115 TiB
	B	RZ2	2x RAID GROUP IN RZ2 6-WIDE PROFILE WITH 1x GLOBAL HOT SPARE	8 TB	200 GB	400 GB	65 TiB	150 TiB

¹Usable space is computed using a base 10 math and considers a 128K record size.

²The effective space considers a data reduction ratio of 3:1 and could vary within the data type and metadata overhead.