

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.

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Model 3282

The 3282 is the entry-level solution of the AiRE IntelligentFiler All Flash Product Line engineered to deliver the best performance and capacity in general-purpose scenarios with integrated always-on data protection with triple parity software RAID support.

Its primary use case covers a wide range of enterprise applications, from virtualization environment to mainstream DevOps infrastructures, latency-sensitive applications and advanced enterprise network file services.

Specifications

SPU FORM FACTOR	RACK 2U / dual active controller
DES FORM FACTOR	-
RAW CAPACITY	46 TB
SUPPORTED DRIVES TYPE	eMLC SFF SAS SSDs
L1 GENERAL CACHE	256 GB
L2 WRITE CACHE	- GB
L2 READ CACHE	- GB
NETWORK CONNECTIVITY	1x IPMI iKVM, Management, Replication + 2x 10GbE-SFP
PROCESSOR	2x Intel® Xeon E5-2680v4
POWER SUPPLY	Redundant platinum
SOFTWARE	STORVIX AiRE IntelligentFiler software bundle full license w/ SmartCARE

SUPPORTED STORAGE POOL SOFTWARE RAID PROFILES								
3282	DATA			HDD	L2WC	L2RC	US ¹	ES ²
	A	RZ2	2x RAID GROUPS IN RZ2 6-WIDE PROFILE	1.92 GB	-	-	32 TiB	96 TiB
	B	RZ3	1x RAID GROUP IN RZ3 10-WIDE PROFILE PLUS 1x GLOBAL HOT SPARE	1.92 GB	-	-	30 TiB	90 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.