

DS-2024-HA/R3 (Advantix - powered by Fastwel) High-Performance Failsafe Data Storage System



Features

- CPU: 2x Intel® Xeon® Processors E5-2600v4;
- Form factor: for mounting to the / 2U rack;
- RAM: up to 512 GB DDR4;
- Weight: 55 kg (max);
- RAID controller: 2 x modules with redundancy and Hot Swap in the Active-Active mode;
- Power supply: redundant power supply unit (1+1) with 1200W;
- Dimensions: 815 (D) x 482.6 (W) x 88 (H);
- Operating temperature range: +5~+40°;
- OS compatibility: Microsoft® Windows® Server 2003 / 2008 / 2012 / 2016, Microsoft® Windows® XP/Vista/7/8/10, Red Hat Linux, SuSE, ALT Linux, Cent OS Linux, Ubuntu Linux, etc;

Overview

DS-2024-HA/R3 (Advantix - powered by Fastwel) is an enterprise-wide data storage system. A special feature of this solution is the capability to hot-swap computing modules and a specialized software stack that uses unique algorithms ensuring high performance and reliability of data storage.

Technical Specifications

CPU

- 2x Intel® Xeon® Processors E5-2600v4;

RAM

- Up to 512 GB DDR4;

Form-factor

- For mounting to the / 2U rack;

Disk subsystem

- Up to 24 x 2.5" drives;
- Up to 200 x drives within the system with the use of disk arrays (JBOD);

Maximum capacity

- Up to 43.2 TB with the use of 1.8 TB drives (12 Gb/s SAS 10 000 rev/min);
- Up to 360 TB within the system with the use of disk arrays (JBOD);

RAID Controller

- 2 x modules with redundancy and Hot Swap in the Active-Active mode;

RAID

- RAID 5, 6, 10, 50, 60;
- RAID 7.3 (3 x redundant disks);
- RAID M+N (any amount of redundant disks);
- Supports up to 64 disks within the array;

Additional functionalities

- Control and Silent Data Corruption Protection (for non-hardware errors);
- Quick, partial and anticipatory restoration of arrays;
- SSD caching (PCIe NVMe 3.0 x4);
- System performance monitoring;
- Intelligent QoS;

Connection interface

- Standard (onboard): 1x Gigabit Ethernet;
Option: up to 2 x PCI Express interface controllers;
- 10 / 40 Gb Ethernet;
 - 16 Gb Fiber Channel;
 - InfiniBand (FDR, QDR, DDR);

Power supply

- Redundant power supply unit 1200W (1+1);

Operating temperature range

- from +5°C to +40°C;

Dimensions

- 815 (D) x 482.6 (W) x 88 (H);

Weight

- 55 kg (max);

Delivery checklist

- Guid rails for mounting to the 19" rack;

OS compatibility

- Microsoft:
- Microsoft® Windows® Server 2003 / 2008 / 2012 / 2016;
 - Windows 10 / 8.1 / 7 (64bit);
 - Microsoft® Windows® XP/Vista/7/8/10;
- Linux:
- Red Hat Linux;
 - SuSE, ALT Linux;
 - Cent OS Linux;
 - Ubuntu Linux;
 - Solaris 10;
 - Mac OS X;
 - VMware ESX;
 - KVM;
 - RHEV (Red Hat Enterprise Virtualization);
 - Microsoft Hyper-V Server;
 - XenServer;

Warranty

- 2 years;



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Ordering information

DS-2024-HA/R3 (Advantix - powered by Fastwel) Configuration

DS-2024-HA/R3 \Options

Configurations

DS-2024-HA/R3

High-Performance Failsafe Data Storage System / 2x Intel® Xeon® Processors E5-2600v4 / Up to 512 GB DDR4 / Up to 24 x 2.5" drives / Redundant power supply unit 1200W (1+1);

Delivery checklist

DS-2024-HA/R3 (Advantix - powered by Fastwel) delivery checklist contains:

1. DS-2024-HA/R3 (Advantix – powered by Fastwel) High-Performance Failsafe Data Storage System
2. Guiderails for mounting to the 19" rack
3. Packaging.

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Product specifications are subject to change without notice

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