SMAVIA Enterprise Storage Server V

Server hardware, 4 RU rack-mount, 2× 8-core 2.1 GHz CPU, 32 GB DDR4 RAM, 12 Gbps data throughput, MegaRAID SAS controller, up to 36× 3.5" SAS HDDs, 2× redundant power supplies

Features

- License for VMware[1] ESXi 7.0 hypervisor included
- SATA DOM 128 GB for hypervisor software included
- Virtual machine for hardware monitoring included
- Two Intel XEON[2] E5 8-core 2.1 GHz CPU
- Main memory 32 GB DDR4 RAM
- Drive bays for up to 36× hard disks
- SAS hard disks optional
- Expandable with JBOD storage systems
- RAID Controller for internal HDDs and 2× JBODs included
- Two highly efficient and redundant power supplies included
- Robust 4 RU rack-mount housing
- Mounting rails for 19" rack included

Suitable for

- SMAVIA Recording Server VM III

Server		
007505	**SMAVIA Enterprise Storage Server V**	
	Server hardware, 4 RU rack-mount, 2× 8-core 2.1 GHz CPU, 32 GB DDR4 RAM, 2× power supplies, 1× SATA DOM 128 GB, MegaRAID SAS controller included, VMware ESXi 7.0 included, hard disk drives separately available	

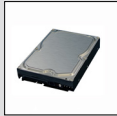| Power Supply Unit		
006842	**Power Supply Unit DPM-1200W**	
	Power supply module 1200 W, 110/240 V AC, 50/60 Hz	

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Services	
005554	**DSI - System Setup (VM Server)** Assembly (hard disks, memory modules, controller, firmware), RAID system setup, installation and update of the operating system including drivers, software installation, system tests (run-in) FAT System Customizing

Options Hard Disk Drives		
	000178	**Mounting of a HDD** Mounting of a HDD, function, long-term-, and final test, acceptance and approval included
	007345	**HDD 4000 GB, SAS, 3,5 inches**
	007512	**HDD 6000 GB, SAS, 3,5 inches**
	007529	**HDD 8000 GB, SAS, 3,5 inches**
	008170	**HDD 10000 GB, SAS, 3,5 inches**
	007799	**HDD 12000 GB, SAS, 3,5 inches**
	007760	**HDD 16000 GB, SAS, 3,5 inches**
	008322	**HDD 18000 GB, SAS, 3,5 inches**
	008772	**HDD 20000 GB, SAS, 3,5 inches**

Options Storage Expansion		
	008476.401	**Storage JBOD 12 III** Storage extension, 2 RU rack-mount, for up to 12 hard disks, RAID 6, 1× cable SFF-8088, 2× redundant power supplies, without hard disk drives
	006946	**Storage JBOD 24 II** Storage extension, 4 RU rack-mount, for up to 24 hard disks, RAID 6, 1× cable SFF-8088, 2× redundant power supplies, without hard disk drives
	006949	**Storage JBOD 44 II** Storage extension, 4 RU rack-mount, for up to 44 hard disks, RAID 6, 1× cable SFF-8088, 2× redundant power supplies, without hard disk drives

Option Network		
	008160	**Network Adapter Card 10 GBit** Network adapter card, 2× SFP+ Ports, 10GBase-T, PCI Express

Option Network Contacts		
	005142	**DLC - Ethernet I/O Interface** License for the use of the software interface for the connection of the Ethernet I/O interfaces MOXA ioLogik E1210 (16 contacts), E1212 (8 contacts, 8 DIOs) or E1214 (6 contacts, 6 relays)
	001739	**Remote Ethernet I/O Interface** Ethernet I/O Interface, 2× Ethernet, 6× contact, 6× relay (MOXA ioLogik E1214)

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Software	
Hypervisor	VMware ESXi 7.0

Components	
CPU	2× Intel XEON E5 with 8 cores 2,1 GHz
Memory	32 GB DDR4
SATA DOM	1× 128 GB (for hypervisor software)
Total bit rate	Up to 960 Mbps (2× 480 Mbps)
HDD	36× 3.5" changeable SAS hard disk drive frames integrated 36× 3.5" SAS hard disk drives optional[3]
RAID level	6
Hot swap	Supported
Fan	7× 80 mm, internal, redundant, hot-swap
Power supply unit	2× 1280 W, redundant

Interfaces	
Monitor OUT	1× D-Sub, 15 pins
USB	2× USB 2.0
Ethernet	2× RJ45, 10/100/1000 Mbps
IPMI	1× RJ45, 10/100 Mbps
COM 1	1× D-SUB, 9 pins
COM 2	1× D-SUB, 9 pins, internal
LED displays	2× network activity 1× hard disk activity 1× power status 1× power fail 1× system overheat

Electrical Data	
Voltage supply	110/240 V AC, 50/60 Hz
Power consumption	Max. 1200 W
Thermal output	Max. 4095 BTU/h

Mechanical Data	
Dimensions (W × H × D)	Approx. 437 × 178 × 699 mm (17.2" × 7.0" × 27.5")
Height units	4 RU
Weight	Approx. 41 kg (90 lb), with hard disks
Color	Black (front)

Ambient Data	
Temperature	+5°C up to +40°C (41°F – 104°F)
Recommended temperature	+20°C up to +25°C (68°F – 77°F)
Humidity	5 – 70% RH, non-condensing
Atmospheric load	Dust-free

Approvals and Certifications	
Type	CE

3) The server has to be equipped ex factory with 16 hard disk drives in order to ensure the required storage speed.

See more.

MADE IN GERMANY