

SMAVIA Enterprise Storage Server IV

Server hardware, 4RU rack-mount, 2x 8-core 2.1 GHz CPU, 32 GB DDR4 RAM, 12 Gbps data throughput, MegaRAID SAS controller, up to 24x 3.5" SAS HDDs, 2x redundant power supplies



Features

- License for VMware¹⁾ ESXi 7.0 hypervisor included
- SATA DOM 128 GB for hypervisor software included
- Virtual machine for hardware monitoring included
- Two Intel XEON²⁾ E5 8-core 2.1 GHz CPU
- Main memory 32 GB DDR4 RAM
- Drive bays for up to 24x hard disks
- SAS hard disks optional
- Expandable with JBOD storage systems
- RAID Controller for internal HDDs and 2x JBODs included
- Two highly efficient and redundant power supplies included
- Robust 4RU rack-mount housing
- Mounting rails for 19" rack included

Suitable for

- SMAVIA Recording Server VM III

Server



007080

SMAVIA Enterprise Storage Server IV

Server hardware, 4RU rack-mount, 2x 8-core 2.1 GHz CPU, 32 GB DDR4 RAM, 2x redundant power supplies, 1x SATA DOM 128 GB, MegaRAID 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, 110/240V AC, 50/60 Hz

1) VMware is a trademark or registered trademark of VMware Corporation headquartered in Palo Alto, California, USA

2) Intel and Xeon are trademarks or registered trademarks of Intel Corporation headquartered in Santa Clara, California, USA

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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
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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, 1x cable SFF-8088, 2x 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, 1x cable SFF-8088, 2x 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, 1x cable SFF-8088, 2x redundant power supplies, without hard disk drives

Option Network

	008160 Network Adapter Card 10 GBit Network adapter card, 2x SFP+ Ports, 10GBase-T, PCI Express
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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, 2x Ethernet, 6x contact, 6x 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	24× 3.5" changeable SAS hard disk drive frames integrated 24× 3.5" SAS hard disk drives optional ³⁾
RAID level	6
Hot swap	Supported
Fan	2× 80 mm, rear side, redundant, hot-swap 3× 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 × 660 mm (17.2" × 7.0" × 25.9")
Height units	4 RU
Weight	Approx. 35 kg (75 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.

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See more.