

SMAVIA Enterprise Storage Server III

Server hardware, 3RU rack-mount, 2x 8/12-Core CPU, 32/64 GB DDR4 RAM, MegaRAID SAS controller, up to 16x 3.5" SAS HDDs, 2x redundant power supplies



Features

- License for VMware¹⁾ ESXi 6.0 hypervisor included
- Two Intel XEON²⁾ E5 CPUs with 8/12 cores
- Main memory 32/64 GB DDR4 RAM
- Drive bays for up to 16x hard disks
- Packages with 16x 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 3RU rack-mount housing
- Mounting rails for 19" rack included

Suitable for

- SMAVIA Recording Server VM III

Server	
006311.401	 <p>SMAVIA Enterprise Storage Server III Server hardware, 3RU rack-mount, 2x 8-core CPU, 32 GB DDR4 RAM, 2x redundant power supplies, MegaRAID controller included, VMware ESXi 6.0 included 16x hard disk drives separately available</p>
006311.408	 <p>SMAVIA Enterprise Storage Server III Server hardware, 3RU rack-mount, 2x 12-core CPU, 64 GB DDR4 RAM, 2x redundant power supplies, MegaRAID controller included, VMware ESXi 6.0 included 16x hard disk drives separately available</p>
Power Supply Unit	
006303	 <p>Power Supply Unit DPM-1000W Power supply module 1000 W, 110/240 V AC, 50/60 Hz</p>

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 4000GB, SAS, 3,5 inches
007512	HDD 6000GB, SAS, 3,5 inches
007529	HDD 8000GB, SAS, 3,5 inches
008170	HDD 10000GB, SAS, 3,5 inches
007799	HDD 12000GB, SAS, 3,5 inches
007483	HDD 14000GB, SAS, 3,5 inches
007760	HDD 16000GB, SAS, 3,5 inches


Options Storage Expansion

006945	 Storage JBOD 12 II 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

004957	 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 for SMAVIA 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 6.0
Application	SMAVIA Recording Server VM III
Application language	German, French, Spanish, Italian (others on request)

Components	Variant 401	Variant 402
CPU	2× Intel XEON E5 with 8 cores	2× Intel XEON E5 with 12 cores
Memory	32 GB DDR4	64 GB DDR4
Total bit rate	Up to 960 Mbps (2× 480 Mbps)	
Flash module	1× 64 GB (for hypervisor software)	--
SSD	--	1× 128 GB (for hypervisor software)
HDD	16× 3.5" changeable SAS hard disk drive frames integrated 16× 3.5" SAS hard disk drives optional ³⁾	
RAID level	6	
Fan	2× 80 mm, rear side, redundant, hot-swap 3× 80 mm, internal, redundant, hot-swap	
Power supply unit	2× 1000 W, redundant	

Interfaces	
Monitor OUT	1× D-Sub, 15 pins
USB	2× USB 2.0, front side 2× USB 2.0, rear side
Ethernet	2× RJ45, 10/100/1000 Mbps
IPMI	1× RJ45, 10/100 Mbps
COM 1	1× D-SUB, 9 pins, rear side
COM 2	1× D-SUB, 9 pins, front side
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. 1000 W
Thermal output	Max. 3412 BTU/h

Mechanical Data	
Dimensions (W × H × D)	Approx. 437 × 132 × 647 mm (17.2" × 5.2" × 25.4")
Height units	3 RU
Weight	Approx. 9 kg (20 lb), without 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.