

# SMAVIA Enterprise Storage Server III

Server hardware, 3RU rack-mount, 2x 8/12-core 2.1 GHz CPU, 32/64GB DDR4 RAM, MegaRAID SAS controller, up to 16x 3.5" SAS HDDs, 2x redundant power supplies





### Features

- License for VMware<sup>1)</sup> ESXi 7.0 hypervisor included
- SATA DOM 128 GB for hypervisor software
- Two Intel XEON<sup>2)</sup> E5 8/12-core 2.1 GHz CPU
- Main memory 32/64 GB DDR4 RAM
- Drive bays for up to 16x 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 3 RU rack-mount housing
- Mounting rails for 19" rack included

### Suitable for

- SMAVIA Recording Server VM III

Server		
	006311.401	<b>SMAVIA Enterprise Storage Server III</b> Server hardware, 3RU 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		
	006303	<b>Power Supply Unit DPM-1000W</b> Power supply module 1000 W, 110/240 V 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	<b>DSI - System Setup (VM Server)</b> 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	<b>Mounting of a HDD</b> Mounting of a HDD, function, long-term-, and final test, acceptance and approval included
	007345 <b>HDD 4000 GB, SAS, 3,5 inches</b>
	007512 <b>HDD 6000 GB, SAS, 3,5 inches</b>
	007529 <b>HDD 8000 GB, SAS, 3,5 inches</b>
	008170 <b>HDD 10000 GB, SAS, 3,5 inches</b>
	007799 <b>HDD 12000 GB, SAS, 3,5 inches</b>
	007483 <b>HDD 14000 GB, SAS, 3,5 inches</b>
	007760 <b>HDD 16000 GB, SAS, 3,5 inches</b>
	008322 <b>HDD 18000 GB, SAS, 3,5 inches</b>
	008772 <b>HDD 20000 GB, SAS, 3,5 inches</b>


## Options Storage Expansion

	008476.401 <b>Storage JBOD 12 III</b> 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 <b>Storage JBOD 24 II</b> 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 <b>Storage JBOD 44 II</b> 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 <b>Network Adapter Card 10 GBit</b> Network adapter card, 2× SFP+ Ports, 10GBase-T, PCI Express
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## Option Network Contacts

	005142 <b>DLC - Ethernet I/O Interface</b> 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 <b>Remote Ethernet I/O Interface</b> Ethernet I/O Interface, 2× Ethernet, 6× contact, 6× relay (MOXA ioLogik E1214)

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Software		
Hypervisor	VMware ESXi 7.0	
Components	Variant 401	Variant 402
CPU	2× Intel XEON E5 with 8 cores 2.1GHz	2× Intel XEON E5 with 12 cores 2.1GHz
Memory	32GB DDR4	64GB DDR4
SATA DOM	1× 128 GB (for hypervisor software)	
Total bit rate	Up to 960 Mbps (2× 480 Mbps)	
HDD	16× 3.5" changeable SAS hard disk drive frames integrated 16× 3.5" SAS hard disk drives optional <sup>3)</sup>	
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.

