

SMAVIA Enterprise Storage Server III

Server hardware, 3RU rack-mount, 2x 8/12-core 2.1 GHz 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 7.0 hypervisor included
- SATA DOM 128 GB for hypervisor software
- Two Intel XEON²⁾ 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 3RU rack-mount housing
- Mounting rails for 19" rack included

Suitable for

- SMAVIA Recording Server VM III

Server



006311.401

SMAVIA Enterprise Storage Server III

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

Power Supply Unit DPM-1000W

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	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
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007345	HDD 4000 GB, SAS, 3,5 inches
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007512	HDD 6000 GB, SAS, 3,5 inches
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007529	HDD 8000 GB, SAS, 3,5 inches
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008170	HDD 10000 GB, SAS, 3,5 inches
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007799	HDD 12000 GB, SAS, 3,5 inches
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007483	HDD 14000 GB, SAS, 3,5 inches
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007760	HDD 16000 GB, SAS, 3,5 inches
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008322	HDD 18000 GB, SAS, 3,5 inches
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008772	HDD 20000 GB, SAS, 3,5 inches
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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
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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
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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
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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)
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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	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	64 GB 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 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.

