Server Rack-Mount 1 RU

Server hardware, 1 RU rack-mount, quad-core 3.0 GHz CPU,
16 GB DDR4 RAM, up to 4× 3.5" HDDs, 2× redundant power supplies

The **Server Rack-Mount 1 RU** is equipped with a powerful quad-core CPU and 16 GB RAM. In conjunction with the integrated license for the **Windows 10** operating system, it is the ideal platform for the various server components in a **SeMSy® Video Management System**.

Features

- Microsoft Windows[1] 10 Pro 64 Bit operating system
- CPU Intel Xeon[2], quad-core, 3.0 GHz
- Memory 16 GB DDR4 RAM
- Hard drive bays for up to 4× hard disks
- SATA hard disks with 2, 4, 6 or 8 TB optional
- Two high-performance and redundant PSUs included
- Compact 1 RU rack-mount housing (short depth)
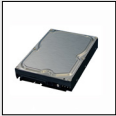- Mounting rails for 19" rack included in delivery

Suitable for

- SeMSy® All-in-One installations
- SeMSy® Server Software
- SEDOR® ANPR Server Software
- Other applications (DMVC Server, Time Server)

Server		
004847		**Server Rack-Mount 1 RU** Server hardware, 1 RU rack-mount, quad-core 3.0 GHz CPU, 16 GB DDR4 RAM, up to 4× 3.5" HDDs, 2× redundant power supplies, without HDDs, RAID 1 and license for Microsoft Windows 10 Pro included

Power Supply Unit		
004822		**DPM-400W** Power supply module 400 W, 110/240 V AC, 50/60 Hz

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	Services
004845	**System Setup** 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)
003692	**FAT System Customizing** Collection of project-specific requirements, individual adaptation and configuration of the system

	SATA Hard Disk Drives	
006664		**HDD 2000 GB, SATA, 3.5"**
006158		**HDD 4000 GB, SATA, 3.5"**
006596		**HDD 6000 GB, SATA, 3.5"**
006632		**HDD 8000 GB, SATA, 3.5"**

	Option Storage Expansion	
006180		**MegaRAID Controller Kit** RAID controller board for the connection of a JBOD storage extension, CacheVault for the power supply of the cache in case of short-term power outages included, 12 Gbps SAS/SATA, available ex factory only
006945		**Storage JBOD 12 II** Storage extension, 2 RU rack-mount, for up to 12 hard disks, RAID 6, 1× cable SFF-8088, 2× PSUs, without hard disks
006946		**Storage JBOD 24 II** Storage extension, 4 RU rack-mount, for up to 24 hard disks, RAID 6, 1× cable SFF-8088, 2× PSU, without hard disks
006949		**Storage JBOD 44 II** Storage extension, 4 RU rack-mount, for up to 44 hard disks, RAID 6, 1× cable SFF-8088, 2× PSU, without hard disks

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Integrated Software	
Operating system	License for Microsoft Windows 10 Pro 64 Bit (not pre-installed)
OS language	English (others on request)

Components	
CPU	Intel Xeon, Quad-Core, 3.0 GHz
Memory	2× 8 GB DDR4
Hard disks	4× changeable frame integrated 4× 3.5" SATA HDD optional
RAID Level	RAID 1
Fan	5× 40 × 28 mm
Power supply unit	2× 400 W, redundant

Interfaces	
Monitor OUT	1× D-Sub, 15 pins
USB	2× USB 2.0, front side 4× 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× voltage status 1× system overheat

Electrical Data	
Voltage supply	110/240 V AC, 50/60 Hz
Power consumption	Max. 400 W
Thermal output	Max. 1364 BTU/h

Mechanical Data	
Dimensions (W × H × D)	Ca. 437 × 43 × 503 mm (17.2″ × 1.7″ × 19.8″)
Height units	1 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, UL, FCC

See more.

MADE IN GERMANY