

Server Rack-Mount 1 RU

Server hardware, 1RU 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 1RU** 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**.

Suitable for

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

Features

- Microsoft Windows¹⁾ 10 Pro 64 Bit operating system
- CPU Intel Xeon²⁾, 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 1RU rack-mount housing (short depth)
- Mounting rails for 19" rack included in delivery

Server

004847



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Power Supply Unit

004822



DPM-400W

Power supply module 400W, 110/240 V AC, 50/60 Hz

1) Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation headquartered in Redmond, Washington, USA
2) Intel and Xeon are trademarks or registered trademarks of Intel Corporation headquartered in Santa Clara, California, USA

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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, 12Gbps SAS/SATA, available ex factory only |
| 006945 |  Storage JBOD 12 II
Storage extension, 2RU rack-mount, for up to 12 hard disks, RAID 6, 1x cable SFF-8088, 2x PSUs, without hard disks |
| 006946 |  Storage JBOD 24 II
Storage extension, 4RU rack-mount, for up to 24 hard disks, RAID 6, 1x cable SFF-8088, 2x PSU, without hard disks |
| 006949 |  Storage JBOD 44 II
Storage extension, 4RU rack-mount, for up to 44 hard disks, RAID 6, 1x cable SFF-8088, 2x 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× 400W, 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	1RU
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

