Server Rack-Mount 1RU

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.

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 4x hard disks
- SATA hard disks with 2, 4, 6 or 8TB optional
- Two high-performance and redundant PSUs included
- Compact 1RU 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



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Server hardware, 1RU rack-mount, quad-core 3.0 GHz CPU, 16 GB DDR4 RAM, up to 4x 3.5" HDDs, 2x 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, $1\times$ cable SFF-8088, $2\times$ PSUs, without hard disks

006946



Storage JBOD 24 II

Storage extension, 4RU rack-mount, for up to 24 hard disks, RAID 6, $1\times$ cable SFF-8088, $2\times$ PSU, without hard disks

006949



Storage JBOD 44 II

Storage extension, 4 RU rack-mount, for up to 44 hard disks, RAID 6, $1\times$ cable SFF-8088, $2\times$ 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× 40×28mm	
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. 1364BTU/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 Certific	cations	
Туре	CE, UL, FCC	

Dallmeier electronic GmbH & Co.KG | Bahnhofstr. 16, 93047 Regensburg, Germany | +49 941 8700-0 | dallmeier.com

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