



## VSM SERVER WITH SQL

### Rack-Mount Format, for Harsh Environments

The Rack-Mount VSM Server for harsh environments is an industrial grade server computer that offers an excellent balance of processing power, storage capacity, and redundancy while minimizing space.

Equipped with the powerful Intel® Xeon® processor and the SQL Server® database engine, this ruggedized computer is designed to handle tough workloads over long periods of time in higher than average temperature and humidity levels.

### General Specifications

#### Operation

- Processor Intel Xeon Family
- System Memory 16 GB (4x4 GB), DDR3, RDIMM
- Hard Drives 2 SATA-III Drives in a RAID Configuration
- Capacity 500 GB per Drive (1 TB Total)
- Redundance RAID1
- Operating System Microsoft® Windows Server® 2012 R2 SP1 Standard, x64 (5 CAL)
- Database Engine Microsoft SQL Server 2012 (10 CAL)
- Software (sold separately) ZOOM® Software Suite (ready for operation)
- Optical Drive DVD RW, SATA Internal
- Graphics Integrated

#### Power Requirements

- Power Supply Dual, Redundant 600 W Each
- Voltage 100-240 Vac (50-60 Hz)

#### Environment

- Temperature Range
  - Operation 0 to 60°C [32 to 140°F]
  - Storage -20 to 85°C [-4 to 185°F]
- Relative Humidity
  - Operation 5 to 95% Non-condensing
  - Storage 5 to 95% Non-condensing
- Maximum Altitude
  - Operation 3,660 m [12,000 ft]

#### Connection

- Network
  - RJ-45 Ethernet, Dual Port 10/100/1000 Mbps
  - Fiber Optics Ethernet FO Type Network Interface Card with SC Connector, 100 Mbps
- USB 2.0 Ports 4 Rear, 2 Front
- Video 1 VGA Connector (rear)

#### Physical Characteristics

- Form Factor 2U
- Weight 10.9 kg [24 lb]
- Height 89 mm [3.5 in]
- Width
  - Front 482 mm [19.0 in]
  - Rear 434 mm [17.1 in]
- Depth 508 mm [20.0 in]

### Included with the Server

- Two Power Cords: NEMA 5-15P to IEC-320-C13, 15 A.

CAL: Client Access Licence

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