

RAID-500/M

5U RAID Storage Enclosure



RAID-500



RAID-500M

Introduction

The RAID-500/M, a rugged steel rackmount chassis, is an extremely reliable, stand-alone external expansion chassis capable of housing any combination of up to ten half-height disk drives.

Mass Data Capacity, Easy Installation

The RAID-500/M is a stand-alone expansion chassis for housing a SCSI storage interface. The RAID-500 model is a simple disk enclosure dedicated for OEM customers' manifold requirements. The RAID-500M model contains eight disk drives, and has an Ultra Wide / Ultra-2 Wide (LVD) SCSI interface. Two additional disk drive bays can be installed in the RAID controller.

High Reliability with Fault-resilient Functions

The RAID-500/M is equipped with a hot-swappable 300-watt redundant power supply (AC-DC & DC48-DC). It also has a fault-detection system to monitor power, fan and chassis temperature.



Hot-swappable redundant power supply

Specifications

- **Construction:** Heavy-duty steel chassis
- **Disk drive capacity:** Eight front-accessible half-height drives (vertical) and two additional half-height drives (horizontal)
- **Cooling system:** Two 49 CFM cooling fans (flow-out) in rear panel
- **Controls:** Power On/Off switch on each redundant power supply module in rear panel
- **Indicators:** Bicolor LEDs (green and red) for power failure, fan failure and overheating
- **Speaker:** One 8-ohm 0.3-watt speaker; on-board volume control
- **Fault detection and alarm notification:** Power failure, fan failure and overheating. Audio alarm included
- **Dimensions (W x H x D):** 482 x 222.25 x 482 mm (19" x 8.75" x 19")
- **Net weight:** RAID-500: 17 kg (37.4 lbs)
RAID-500M: 25 kg (55 lbs)
- **Paint color:** Front panel: Pantone Black 4C 2X
Chassis: Brushed finish, Zinc
- **Operating temperature:** 0 ~ 50° C (32 ~ 122° F)
- **Relative humidity:** 20 ~ 90% @ 40° C (104° F), non-condensing
- **CE compliant**

Note: All features and specifications are subject to change without notice.



AC-DC 300-watt Redundant Power Supply (RPS-300V)

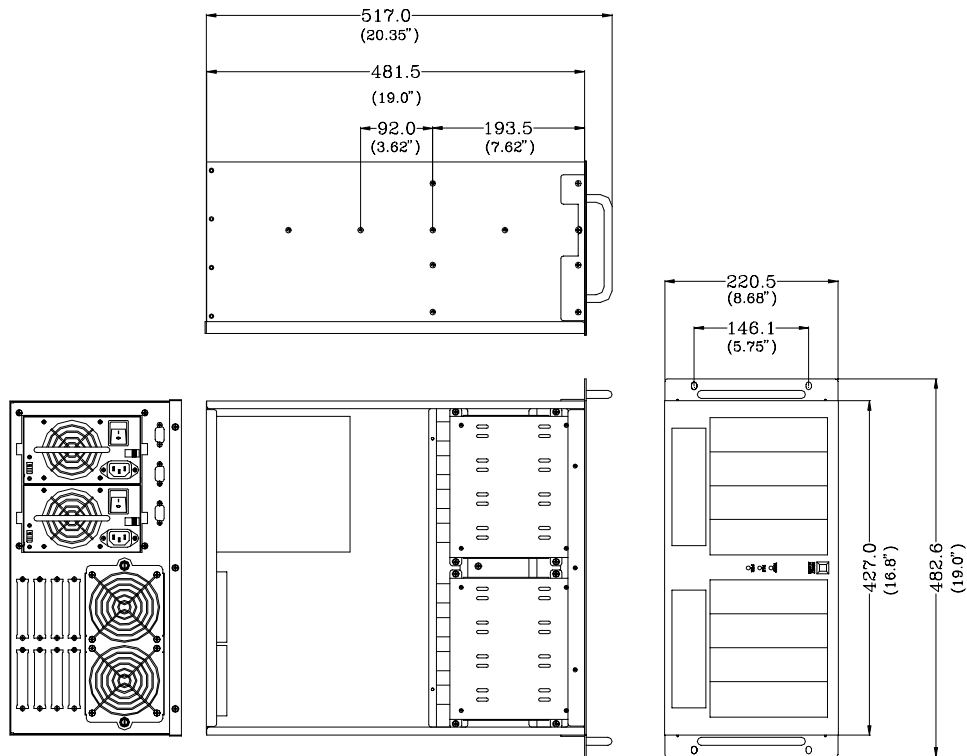
- **Output rating:** 300 watts (max.)
- **Input voltage:** 90 ~ 135 V_{AC} or 180 ~ 270 V_{AC} @ 47~63 Hz, switchable
- **Output voltages:** +5 V @ 32 A, +12 V @ 11 A, -5 V @ 1 A, -12 V @ 1 A (-5 V / -12 V without output cable)
- **Minimum load:** +5 V @ 3 A, +12 V @ 1 A
- **MTBF:** 100,000 hours at 25° C, 70% load
- **Safety:** UL/C-UL/TUV/CE approved

DC-DC 300-watt Redundant Power Supply (RPS-300VDC48)

- **Output rating:** 300 watts (max.)
- **Input voltage:** 40 ~ 60 V_{DC}
- **Output voltages:** +5 V @ 32 A, +12 V @ 11 A, -5 V @ 1 A, -12 V @ 1 A, (-5 V / -12 V without output cable)
- **Minimum load:** +5 V @ 3 A, +12 V @ 1 A
- **MTBF:** 100,000 hours at 25° C, 70% load
- **Safety:** UL/C-UL/TUV/CE approved

Dimensions

Unit: mm



Ordering Information

- RAID-500
19" rackmount disk enclosure
- RAID-500M
19" rackmount disk enclosure with eight disk drives