

Enterprise NVR Series RAID Storage

HIGH AVAILABILITY DISK BASED VIDEO STORAGE SOLUTION

Honeywell's Enterprise NVR Series RAID storage solutions provide redundant recording and access to digital video data. Using SCSI RAID technology ensures the digital video is protected and fault tolerant. Honeywell recommends the use of RAID level 5 with hot swappable hard disks for the optimal balance between hard disk usage and redundancy.

Market Opportunities

The Honeywell RAID storage options are offered in a variety of cost effective storage solutions ranging in sizes from 8, 12, and 16 bay RAID chassis with hard disk options ranging from 250GB, 320GB, and 400GB. In addition, each chassis comes with dual redundant power supplies.

Features

- RAID Levels 0, 1, 1(0+1), 3, 5, +Spare
- Hot Spare Drive (If Selected)
- Drive Hot Swapping
- Automatic background rebuild
- LCD keypad on a foldable forearm handle for status inquiries
- Voltage and temperature self monitoring
- Ethernet port for management
- Ultra320 SCSI data transfer speed
- Multiple SCSI ports for attaching multiple RAIDs to a single server
- 2 - 350W or 420W power supplies with PFC

16-Bay RAID Chassis



12-Bay RAID Chassis



8-Bay RAID Chassis



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SPECIFICATIONS

MODEL #	Description	Rack Units Height	Width x Height x Depth (in mm)	Weight (lbs)	Maximum Power Draw (Watts)	Heat generated at Max Wattage (BTUs)
HE520RA	Hard Disk RAID Array - RAID5 - 8 ea 250GB HDD - 1.7TB @ RAID5	2	446.2 x 88 x 486.5	46.9	350	1194.2
HE530RA	Hard Disk RAID Array - RAID5 - 12 ea 250GB HDD - 2.5TB @ RAID5	2	446.2 x 88 x 486.5	55.6	350	1194.2
HE540RA	Hard Disk RAID Array - RAID5 - 16 ea 250GB HDD - 3.5TB @ RAID5	3	447 x 131 x 500	70.8	460	1569.52
HE525RA	Hard Disk RAID Array - RAID5 - 8 ea 320GB HDD - 2.2TB @ RAID5	2	446.2 x 88 x 486.5	46.9	350	1194.2
HE538RA	Hard Disk RAID Array - RAID5 - 12 ea 320GB HDD - 3.2TB @ RAID5	2	446.2 x 88 x 486.5	55.6	350	1194.2
HE551RA	Hard Disk RAID Array - RAID5 - 16 ea 320GB HDD - 4.4TB @ RAID5	3	447 x 131 x 500	70.8	460	1569.52
HE5320RA	Hard Disk RAID Array - RAID5 - 8 ea 400GB HDD - 2.7TB @ RAID5	2	446.2 x 88 x 486.5	46.9	350	1194.2
HE548RA	Hard Disk RAID Array - RAID5 - 12 ea 400GB HDD - 4.0TB @ RAID5	2	446.2 x 88 x 486.5	55.6	350	1194.2
HE564RA	Hard Disk RAID Array - RAID5 - 16 ea 400GB HDD - 5.5TB @ RAID5	3	447 x 131 x 500	70.8	460	1569.52
HEHD250E	250GB SATA Hard Disk					
HEHD320E	320GB SATA Hard Disk					
HEHD400E	400GB SATA Hard Disk					

Power Requirements:

Power: 100 – 240VAC+10% full range 4.6A/1.9A, 47Hz / 63Hz
Relative humidity: 5 – 95% non-condensing

Operating Temperature:

0 – 40°C non condensing

Interfaces:

4 SCSI ports (VHDCI In and out per channel)
1 RS-232C (audio jack) serial port
1 RJ-45 Ethernet port

Note:

Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

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