

Vanguard GUARDIAN+NS7149RD

RAID, Redundant Power, Dual Processor, Dual Controller, Video Storage



Features

- Dual controller architecture, Hot Swappable to ensure the system reliability
- Intel Processor
- 64-bit high-performance multi-core processors, ensure the massive data processing stability
- 768 channel IP cameras connection
- Under video stream direct storage mode, support 1536Mbps video storage
- H.265+/H.265/H.264+/H.264 codec encoding
- Modular, pull-out, Cables Design, keep system easy-maintainability
- 48 HDDs in Single device, single system up to 240 HDDs, capacity up to 2400TB
- Up to 10-1000Mbps Ethernet ports, and 4-10000Mbps Ethernet ports
- Internal backboard bandwidth bi-directional 288Gbps
- Support HDD hot-swap, online replacement, online expand
- Support RAID 0/1/5/6/10/50/60, Hotspare
- iSCSI and Mini SAS for Expanded Storage Space
- Support Standard iSCSI Protocol Storage
- Redundant power supply
- Completely standard equipment, compatible with various software platforms
- Under video stream direct storage mode support 1536Mbps video storage



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System	
Main Processor	64-bit high performance multi core processor - Hot Swappable Dual Controller
Motherboard	Server Class 7x24 hours operation
Memory	16GB
Cooling	Dual ball fan, support replacement during operation
User Interface	Web Interface
Storage Management	
Hard Disk	48 SAS (48 HDD, each up to 16 TB, up to 768 TB. Expandable to 240 HDDs
HDD Compatibility	Support mixed SAS & SATA HDDs, support SSD & 2.5" HDD
HDD Processing	Support HDD bad sector mapping, prolong life-span of HDD
HDD Status Inspection	Support HDD preview before use, periodic inspection after use
HDD Mode	Single, Raid0, Raid1, Raid5, Raid6, Raid 10/50/60 (Support global HDD Hot-standby), JBOD, Hot Spare
One-Click RAID	RAID Support One-Click set RAID immediately
RAID Rebuild	Dynamically adjust RAID rebuild speed to guarantee system load balance
HDD Install	Independent HDD Holder
HDD Installation	Hot Swappable support, on-line replacement
Logic Volume Manager	Support iSCSI volume management, NAS (SMB.NTS/FTP) Volume Management
Expansion	eSATA, Network Storage
Expansion Interface	Mini SAS, RJ45, eSATA
Video and Input	
Video and Input	Total Input Rate 1536 Mbps – up to 768 channels
RS232	2 Ports
RS485	2 Ports

Network	
Interface	10 RJ-45 ports (10/100/1000Mbps), Supports multi address and bonding
Network Protocol	RTP/RTCP, RTSP, UDP, HTTP, NTP, SNMP
Management Port	1 RJ-45 1000BaseT
General	
Power Supply	Dual Power Supply, AC 100V~240V, 50~60Hz, Redundant, Hot Swappable (2+2)
Power Consumption	1000W (Without HDD)
Working Environment	0°C~40°C, Less than 80% RH
Dimension (W×D×H)	8U (483x559x352mm)
Weight	50 kg (without HDD)
Installation	19-inch Rack-mounted
Warranty	Vanguard 1-year Warranty and Vanguard Extended Warranty option