



Optimized to work with CONTROL Global.



Network Video Devices

IP Raid Lite NVR Servers

ZNR RAID Lite

Features:

- RAID-5 Network Video Recorder (NVR) server for up to 128 channels
- Advanced Intel i9-12900 (16 Core)
- Internal Hot Swappable HDD configurations from 48TB to 924TB
- Two (2) redundant & (2) hot spare drive included, not counted as storage
- Intel 770 UHD 128 Bit/2GB video adapter with HDMI & DVI outputs
- 32GB of RAM fully buffered
- Server is pre-installed with Windows® 11 Pro (64 Bit) on a dedicated solid state drive
- Advanced cooling system ensures optimal performance & long-term reliability
- NDAA compliant

ZNR-RAID Lite

IP RAID Lite NVR Servers

■ Models

ZNR RAID-5 Lite - up to 128 IP Cameras			
ZNR-48TB-RL	(+/-) 128 IP Cameras*, 48TB RAID-5	ZNR-144TB-RL	(+/-) 128 IP Cameras*, 144TB RAID-5
ZNR-64TB-RL	(+/-) 128 IP Cameras*, 64TB RAID-5	ZNR-160TB-RL	(+/-) 128 IP Cameras*, 160TB RAID-5
ZNR-80TB-RL	(+/-) 128 IP Cameras*, 80TB RAID-5	ZNR-176TB-RL	(+/-) 128 IP Cameras*, 176TB RAID-5
ZNR-96TB-RL	(+/-) 128 IP Cameras*, 96TB RAID-5	ZNR-192TB-RL	(+/-) 128 IP Cameras*, 192TB RAID-5
ZNR-112TB-RL	(+/-) 128 IP Cameras*, 112TB RAID-5	ZNR-208TB-RL	(+/-) 128 IP Cameras*, 208TB RAID-5
ZNR-128TB-RL	(+/-) 128 IP Cameras*, 128TB RAID-5	ZNR-234TB-RL	(+/-) 128 IP Cameras*, 234TB RAID-5

*** 8, 16, 24, & 32 channel hybrid options are also available. Call Technical Sales for details. ***

■ Specifications

ZNR RAID-5 Lite	48TB ~ 286TB	288TB ~ 462TB	4802TB ~ 924TB
Power Supply	(2) Antec Trio 820W PS (redundancy)	(2) Antec Trio 820W PS (redundancy)	(2) Antec Trio 960W PS (redundancy)
Form Factor	3U, 16 Bay	4U, 24 Bay	4U, 48 Bay
Cooling System	2x 120mm front fans, 2 x 80mm top fans		
Operating System	Windows 11 Pro (64 Bit) on dedicated solid-state drive		
NIC	3x Intel 1Gbit Ethernet LAN		
DVD/CD RW	N/A		
Storage (SATA-3Gb/s-7200 RPM)	Hot Swap 48TB ~ 286TB	Hot Swap 224TB-378TB	Hot Swap 392TB-756TB
Graphics Card	Intel 770 UHD built-in graphics		
CPU	Intel i9-12900 (16 Core)		
RAM	32GB fully buffered		
Dimensions (W x D x H)	27.5" x 17" x 5.2"	27.5" x 17" x 6.9"	32.8" x 17.2" x 6.9"

■ IP Camera Capacity Chart

Camera	Resolution	Channels	IPS	Bit Rate per Channel
D1	704x480	128	30	1.8Mbps
0.9 Megapixels	1280x720	56	30	4.5Mbps
1.3 Megapixels	1280x1024	40	30	6.3Mbps
2 Megapixels	1600x1200	27	30	9.3Mbps
2.1 Megapixels	1920x1080	25	30	10Mbps
3 Megapixels	2048x1536	16	30	15.2Mbps
5 Megapixels	2592x1944	10	30	24.2Mbps