

The ZNR Series is a powerful line of 2U and 4U servers that are optimized to work with NVR Software for sensitive & long-term storage of IP/Megapixel cameras. Designed for use with Ganz® CORTROL and all other major brands of surveillance software.



Network Video Devices

IP NVR Servers

ZNR Series

Features:

- Advanced Intel processors & chipset optimized for HD Video
- Servers are pre-installed with Windows 11 Pro (64 Bit) on a dedicated SSD
- Servers support all GANZ IP camera models
- Server with & without encoder 16TB ~ 220TB, for up to 128 channels
- Intel i7-12700 12 Core Processor
- Built-in Intel 630UHD Video Graphics with HDMI & DVI outputs
- 16GB of DDR4 Kingston RAM
- 2x 1Gigabit Network Cards
- The advanced cooling system ensures optimal performance & long-term reliability
- Available in 2U and 4U models
- Can be pre-loaded with Ganz CORTROL surveillance software
- NDAA compliant

ZNR Series

IP & Hybrid NVR Servers

Models

ZNR Server 2U		ZNR Server 4U w/External Encoder	
ZNR-2U-16TB	Up to 128 IP Cameras*, 2U Server, 16TB storage	ZNR-4U-16TB	Up to 128 IP Cameras*, 4U Server, 16TB storage
ZNR-2U-32TB	Up to 128 IP Cameras*, 2U Server, 32TB storage	ZNR-4U-32TB	Up to 128 IP Cameras*, 4U Server, 32TB storage
ZNR-2U-48TB	Up to 128 IP Cameras*, 2U Server, 48TB storage	ZNR-4U-48TB	Up to 128 IP Cameras*, 4U Server, 48TB storage
ZNR-2U-64TB	Up to 128 IP Cameras*, 2U Server, 64TB storage	ZNR-4U-64TB	Up to 128 IP Cameras*, 4U Server, 64TB storage
ZNR-2U-80TB	Up to 128 IP Cameras*, 2U Server, 80TB storage	ZNR-4U-80TB	Up to 128 IP Cameras*, 4U Server, 80TB storage

* 2U hybrid 8, and 16 channels, as well as 4U hybrid 8, 16, 24, 32, and 64 channel servers available.

Specifications

ZNR Server	ZNR-2U-xTB	ZNR-4U-xTB (5 Bay)	ZNR-4U-xTB (10 Bay)
Power Supply	750W PS		
Form Factor	2U Rack mount	4U Desktop (Rack mountable)	
Cooling System	4x 80mm front fans	2x 80mm front fans	
Operating System	Win11 Pro (64 Bit) on an 240G NVME or SSD		
NIC	2x Intel 1Gbit Ethernet LAN		
Storage	16TB-220TB Internal (SATA - 6Gb/s-7200 RPM)		
Graphics Card	Intel 630 UHD built-in graphics		
External Analog Encoder	4Ch/ 8Ch/ 16Ch/ 24Ch/ 32Ch/ 48Ch/ 64Ch - optional encoder		
CPU	i7-12700 Processor		
RAM	16 GB DDR4		
Dimensions	16.8" W x 25.6" D x 3.5" H	26.6" W x 17" D x 7" H	26" W x 16.9" D x 7" H
Certifications	UL Listed, CE, FCC		

IP Camera Capacity Chart

Camera	Resolution	Channels	IPS	Bit Rate per Channel
D1	704 x 480	128	30	0.8 Mbps
960H	960 x 480	128	30	1.1 Mbps
0.9 Megapixels	1280 x 720	72	30	2.2 Mbps
2.1 MP	1920 x 1080	32	30	5 Mbps
3 MP	2048 x 1536	20	30	7.6 Mbps
5 MP	2592 x 1944	12	30	12.2 Mbps
8 MP	3264x2448	8	30	19.4Mbps

**Capacity chart assumes the following: IP cameras are utilizing H.264 compression, NVR client is not running on server, & Hybrid Servers are fully populated with analog cameras utilizing D1 resolution / 30ips per channel. Performances may vary based upon camera & motion settings. Call for custom configurations.

Go to ganzsecurity.com for the complete list of compatible software partners. Upon request, servers will be optimized and preloaded with 3rd party VMS. Please note - activation and/or license keys are not provided by CBC.



All specifications are subject to change without notice. See online catalog for the most up-to-date details.