

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 10 Pro (64 Bit) on a dedicated SSD
- Servers support all GANZ IP camera models
- Server with & without encoder 9TB-60TB, for up to 128 channels
- Intel i7-8700 3.4Ghz 6 Core Processor
- Built-in Intel 630UHD Video Graphics with HDMI & DVI outputs
- 16GB of DDR4 Kingston RAM
- 2x 1Gigabit Network Cards
- Advanced cooling system ensures optimal performance & long-term reliability
- Built in DVD-RW
- Available in 2U and 4U models



Available pre-loaded with Ganz CORTROL Video Surveillance Software

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.

ZNR Series

IP & Hybrid NVR Servers

Models

ZNR Server 2U/4U		ZNR Server 2U/4U w/External Encoder	
ZNR-2U-9TB	Up to 128 IP Cameras*, 2U Server, 9TB storage, & DVD-RW	ZNR-4U-9TB	Up to 128 IP Cameras*, 4U Server, 9TB storage, & DVD-RW
ZNR-2U-15TB	Up to 128 IP Cameras*, 2U Server, 15TB storage, & DVD-RW	ZNR-4U-15TB	Up to 128 IP Cameras*, 4U Server, 15TB storage, & DVD-RW
ZNR-2U-40TB	Up to 128 IP Cameras*, 2U Server, 40TB storage, & DVD-RW	ZNR-4U-40TB	Up to 128 IP Cameras*, 4U Server, 40TB storage, & DVD-RW
ZNR-2U-50TB	Up to 128 IP Cameras*, 2U Server, 50TB storage, & DVD-RW	ZNR-4U-50TB	Up to 128 IP Cameras*, 4U Server, 50TB storage, & DVD-RW
ZNR-2U-60TB	Up to 128 IP Cameras*, 2U Server, 60TB storage, & DVD-RW	ZNR-4U-60TB	Up to 128 IP Cameras*, 4U Server, 60TB storage, & DVD-RW

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

Specifications

ZNR Server	ZNR-2U-xTB	ZNR-4U-xTB
Power Supply	650W PS	
Form Factor	2U Rack mount	4U Desktop (Rack mountable)
Cooling System	4x 80mm front fans	2x 80mm front fans
Operating System	Win10 Pro (64 Bit) on an 240G SSD	
NIC	2x Intel 1Gbit Ethernet LAN	
DVD/CD RW	Front panel access	
Storage	9TB-60TB 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	i7-8700 Processor	
RAM	16 GB DDR4	
Dimensions	16.8"W x 25.6"D x 3.5"H	19"W x 21.5"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

**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.

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

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