MPN: VIKING-R2-8TB-V2

4 Bay 1U rack server



1U Rack server. It has 8TB storage and are specified to handle up to 40 cameras recording in 1080p (HD), and has a recording bandwidth of 240Mbit/sec. Operating system is running on an 250GB NVMe SSD drive to ensure operating speed.

The Viking Series is a range of servers you can purchase off the shelf. The concept is designed to offer fast deployment of professional servers to the security industry. The range includes both servers and clients. The recording servers are equipped with some storage from the start and, some of them have space for more so just add more Harddrives and you get more storage. The servers are optimized for Milestone installations. Optimized for surveillance the Viking range is engineered to reply the requirements we have in the video surveillance industry. Not only based on the used hardware and software also regarding the physical dimensions of the servers so that they can be installed almost anywhere. Tuned and Tested All systems have been hardware tested for 24 hours together with many unique systems settings before leaving the assembling line, to make sure that the server will run 24 hours per day. Year after year. It has 8TB storage and are specified to handle up to 40 cameras recording in 1080p (HD), and has a recording bandwidth of 240Mbit/sec.

- Intel Core i7-9700 Processor
- 250GB SSD M.2 NVMe for OS
- 16Gb RAM
- 2 x 4TB for storage (8TB)
- 4 Bay hot swap
- 2 x Gigabit Ethernet LAN ports for network
- Windows 10 Pro 64bit
- Warranty 3 years

Specifications

Design	**Chassis type**	1U Rack
	Product colour	Black
	Product series	Viking Server
	Rack mounting	Y
	Rack rails	Y
	Redundant fans support	N
Expansion slots	**PCI Express x16 (Gen 3.x) slots**	1
	PCI Express x16 slots	1
Graphics	**Number of displays supported (on-board graphics)**	3
	On-board graphics card	N
	On-board graphics card family	Intel® UHD Graphics
Memory	**ECC**	N
	Internal memory	16 GB
	Internal memory type	DDR4
	Maximum internal memory	128 GB

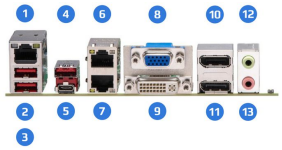
Memory	**Memory clock speed**	2666 MHz
	Memory layout (slots x size)	2 x 8 GB
Network	**Cabling technology**	10/100/1000
	Ethernet interface type	Gigabit Ethernet
	Ethernet LAN	Y
	LAN controller	Intel® I210-AT, Intel® I219
	Network ready	Y
	Wi-Fi	N
Operational conditions	**Operating relative humidity (H-H)**	10-85 %
	Operating temperature (T-T)	0-60 °C
	Relative humidity	10-85 %
	Storage relative humidity (H-H)	5-95 %
	Storage temperature (T-T)	-40-85 °C
Other features	**Dimensions (WxDxH)**	437x503x43 mm
	Graphics card	Intel® UHD Graphics 630
	Graphics card family	Intel
	Hot-swap HDD bays	Y
	Integrated BMC with IPMI	Y
	Integrated LAN	Y
	Number of DIMM slots	4
	Number of drive bays	4
	Ventilation fan(s)	4
Package dimensions	**Depth (package,cm)**	75.4 cm
	Gross Weight (Package, kg)	16.5 kg
	Height (package,cm)	21.6 cm
	Width (package,cm)	59.4 cm
Performance	**Integrated BMC with IPMI**	Y
Ports & interfaces	**Ethernet LAN (RJ-45) ports**	2
	VGA (D-Sub) ports quantity	1
Power	**Number of main power supplies**	2
	Number of redundant power supplies installed	2
	Number of redundant power supplies supported	2
	Power supply	400 Watt
	Power supply input frequency	100 - 240 Hz
	Redundant power supply (RPS) support	Y
Processor	**Bus type**	DMI3
	Conflict-Free processor	Y
	Execute Disable Bit	Y

Processor	**Idle States**	Y
	Intelligent Platform Management Interface (IPMI) support	Y
	Motherboard chipset	Intel C246
	PCI Express configurations	1x16, 2x4
	Processor boost frequency	4.7 GHz
	Processor codename	Coffee Lake
	Processor cores	8
	Processor family	Core i7
	Processor frequency	3 GHz
	Processor manufacturer	Intel
	Processor model	i7-9700
	Processor threads	8
Processor special features	**CPU configuration (max)**	1
	Enhanced Intel SpeedStep Technology	Y
	Intel Enhanced Halt State	Y
	Intel Trusted Execution Technology	Y
	Intel® Hyper Threading Technology (Intel® HT Technology)	N
	Intel® Quick Sync Video Technology	Y
Product dimensions	**Net Weight (Product, kg)**	16.4 kg
	Product Depth	50.3 cm
	Product Height	4.3 cm
	Product Width	43.7 cm
Software	**Bundled software**	Super Doctor 5
	Operating system installed	Windows 10 Pro
Storage	**HDD capacity**	8 TB
	HDD interface	Serial ATA III
	HDD size	3.5 "
	Hot-Plug support	Y
	Hot-swap	Y
	Internal drive bays	2
	Number of HDDs installed	2
	Number of HDDs supported	4
	Number of SSDs installed	1
	Number of SSDs supported	1
	Optical drive type	N
	S.M.A.R.T. support	Y
	SSD capacity	250 GB
	SSD interface	NVMe, M.2

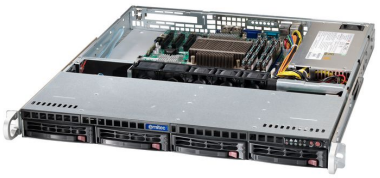
Storage	**Supported HDD sizes**	3.5 "
	Supported storage drive interfaces	Serial ATA III
	Total storage capacity	8 TB
Technical details	**3.5" HDD support**	4
	Number of 3.5" bays	4
	Number of storage drives supported	4
Vendor information	**Brand Name**	Ernitec
	Warranty	5 Year(s)

Other images





1. LAN (IPMI)	7. LAN 2		13. MIC in
2. USB 3.1 gen 1	8. VGA (IPMI)		
3. USB 3.1 gen 1	9. DVI		
4. USB 3.1 gen 2	10. DP Port		
5. USB-C	11. DP Port		
6. LAN 1	12. Line out		



Recommended accessories



Lanview Cat6 U/UTP Network Cable 3m, White, LSZH
MPN: LVN147132



Ernitec Contains 4 x FAN-0065L4 13K RPM. Only for Viking-R2-V2
MPN: VIKING-R2-V2-FAN-KIT



Lanview Cat6 U/UTP Network Cable 0.5m, White, LSZH
MPN: LVN147120



Lanview Cat6 U/UTP Network Cable 1m, White, LSZH
MPN: LVN147124



Lanview Cat6 U/UTP Network Cable 1.5m, White, LSZH
MPN: LVN147126



Lanview Cat6 U/UTP Network Cable 5m, White, LSZH
MPN: LVN147136