VIKING SERIES

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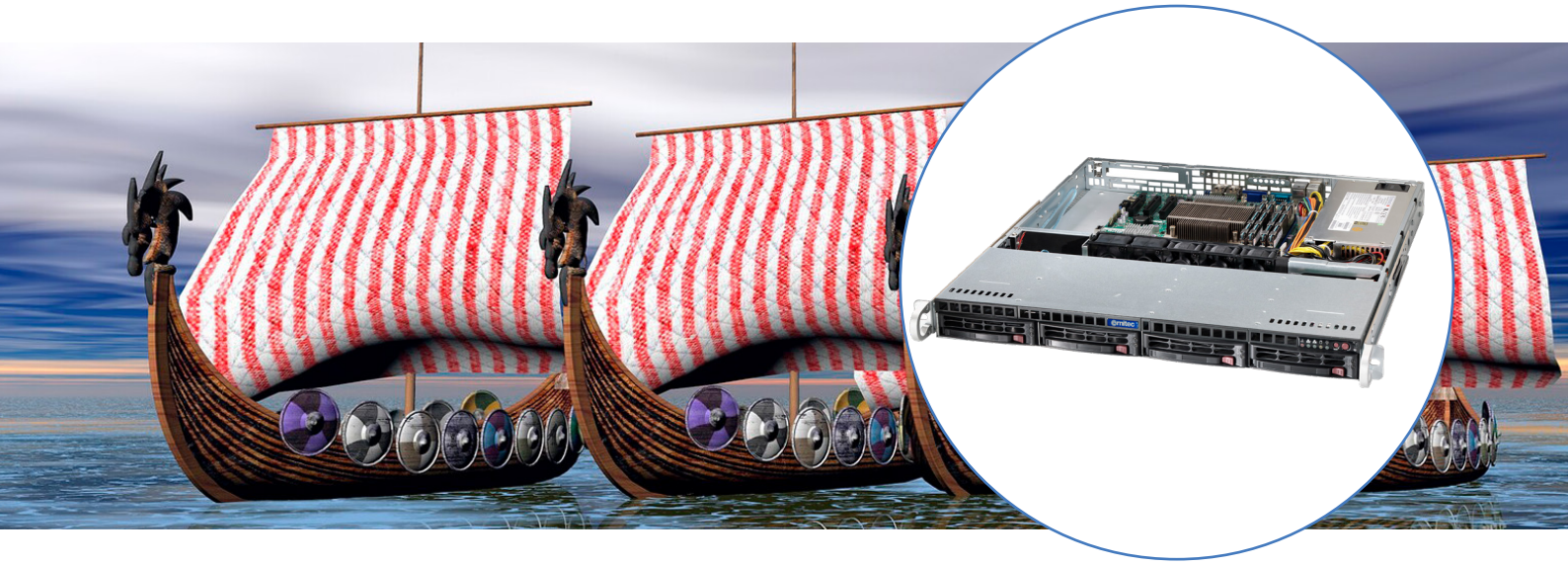
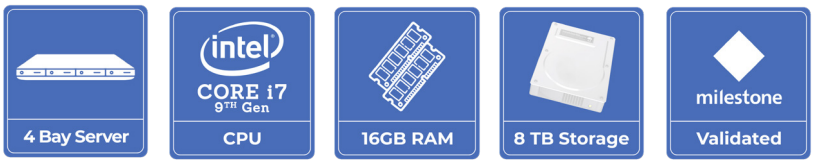
SURVEILLANCE FOR PROFESSIONALS



VIKING-R2-8TB-V2
1U 4 Bay Rack Server



VIKING Servers Series
The Viking series was created for Milestone VMS as “ready to go” and on stock servers, as we joined their System Builder Program we noticed that 70 - 80% of all installations was under 40 cameras, therefor this series covers mostly the small and medium size installations. As we are certified Design Engineers we can help with any project you might have, do not hesitate to contact us.

Optimized For Surveillance
The VIKING range is engineered to fit the requirements we have in the video surveillance industry. Not only based on the hardware but also to fit the VMS software, the physical dimensions of the servers are in serveral form factors.

Tuned and Tested
All systems have been hardware tested for 24 hours, and tuned with many unique systems settings before leaving the production line, to make sure that the server will run 24 hours per day. Year after year.

VIKING-R2-8TB-V2
Is a 4 bay 1U rack server with 2 x 4TB storage in JBOD configuration. Operating system is running on a 1 x 250GB M.2 NVMe SSD drive for OS to ensure operating speed. Ideal for installations up to 60 cameras just add 2 x 4TB more storage. Recommended max amount of cameras are 40 x full HD (1920 x 1080) resolution with current storage. Server is tested with Milestone Corporate 2020 R3.

VIKING-R2-8TB-V2
4 Bay Rack Server

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Specifications

System	
Video Management Software	Optimized for Milestone VMS*
Recommed number of cameras	Up to 40 Cameras in full HD 1080p
Recording Bandwidth	240Mbit/sec max
System Harddrive	250GB SSD M.2 NVMe
Auto-rebooting after power failure	Yes
Storage	
Storage Interface	SATA
Storage Included	2 x 4TB 24/7 HDD SATA industrial
Storage Bays	4 Hotswap 3,5" Drive bays
OS Support	
Operation system	Windows 10 PRO OEM
CPU / Memory	
CPU Coffee Lake	Intel Core i7-9700 Processor (12MB Cache, up to 4.7 GHz)
Memory	2 x 8GB 2666MHz DDR4 Non-ECC (16GB)
Graphics Card	Intel® HD Graphics (1 x VGA(IPMI), 1 x DP, 1 x DVI)
Cooling	
Fan Type	4 x 40x28mm PWM fan(s)
Hot swap Fan	4
On-Board Devices	
Keyboard / mouse	USB connector
Chipset	Intel® C246
USB ports	7 USB 2.0 ports (6 via headers, 1 Type A) 2 USB 3.1 Gen1 ports(2 via headers) 6 USB 3.1 Gen2 ports (3 Rears Type A + 1 Rear Type C, 2 via headers)
Network card	2 RJ45 Gigabit Ethernet LAN ports
Embedded RAID Controller	***
Power	
PSU	400W with Input 100 - 240Vac Platinum Certified
Power requirements	100V -240V AC/50-60Hz/400W

VIKING-R2-8TB-V2
4 Bay Rack Server

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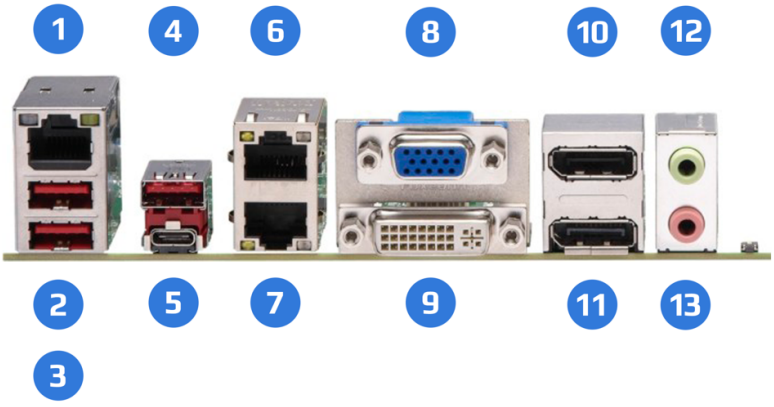
Specifications

Management	
Power Configurations	ACPI Power Management, Keyboard Wakeup from Soft-Off, Power-on mode for AC power recovery
Software	SuperDoctor® 5
Dimensions / Weights	
Form Factor	1U Rack Server
Dimensions (HxWxD mm)	43x437x503mm
Weight net.	Up to 16,8Kg (Cabinet 15,2Kg)
General	
Languages	25 including : English, German, French, Spanish, Dutch, Danish, Italian, Finnish, Norwegian.
Operation conditions	Temperature range from +5°C to +40 Auto-rebooting after power failure °C
Operating Relative Humidity Range	8% - 90% (non-condensing)
Warranty	3 years
Included accessories	1 x Optical Mouse Black/USB , Power Cord
Part number	VIKING-R2-8TB-V2

Backside Connections:



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		

Tested with Milestone VMS *
Using different cables with the on board graphic card can cause small differences to the images on the monitors connected **
Tested and not recommended for any Video Surveillance usage ***