



VALT SERVER

R2B16SAI SPECIFICATIONS



“INTELLIGENT VIDEO SOLUTIONS OFFERS A DISCIPLINED, ENTERPRISE CLASS TOOL. VALT FITS, WORKS AND IS SECURE.”

Michael Barr, CIO
Mt. Royal University

VALT servers are Tier One platforms featuring the industry's most trusted suppliers hand selected for video optimization and maximum uptime. Prior to leaving the manufacturing environment every component is tested, validated and burned in ensuring your VALT system is ready to perform out of the box.

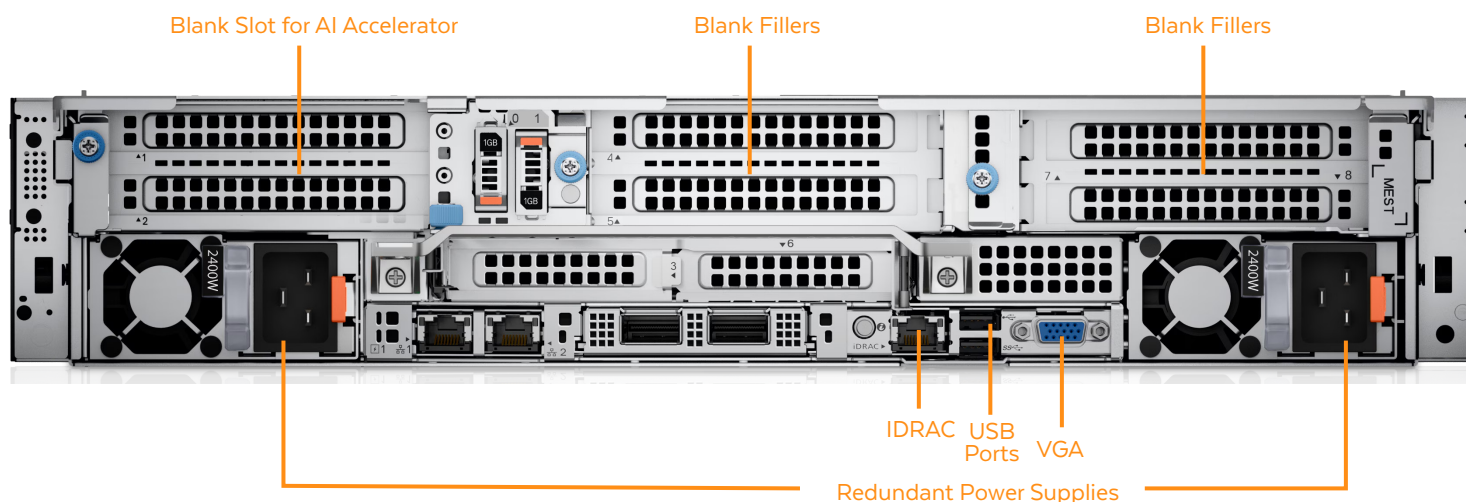
Each server is meticulously prepared in our configuration center with VALT licensing and software to create a custom-built appliance for any size video observation and recording project.



The R2B16SAI is an AI-enabled 2U full-depth chassis featuring an AMD EPYC 9124 CPU, NVIDIA Tesla L4 AI Accelerator, 64GB RAM, 480GB RAID 1 SSD OS/Application array and 16 TB RAID 1 video archive. This appliance is benchmarked to manage up to 25 1080p cameras and offers 8,000 hours of video storage.

TECHNICAL SPECIFICATIONS

NS	MODEL NAME	R2B16SAI
	FORM FACTOR	2U
	CAMERAS	25
	OS	UBUNTU LINUX 24.04
	OS DRIVE	2 X 480GB SSD SATA READ INTENSIVE 6GBPS 512E 2.5IN HOT-PLUG AG DRIVE,3.5IN HYB CARR, 1 DWPD
	RAID OS	RAID 1
	STORAGE DRIVE	16TB HARD DRIVE SATA ISE 6GBPS 7.2K 512E 3.5IN HOT-PLUG, AG DRIVE
	RAID STORAGE	RAID 1
	CPU	AMD EPYC 9124 3.0GHZ, 16C/32T, 64M CACHE (200W) DDR5-4800
	CACHE	64M CACHE
	CORES	16C
	THREADS	32T
	SPEED	3.0GHZ
	AI ACCELERATOR	NVIDIA TESLA L4
	MEMORY	64GB RDIMM, 6400MT/S, DUAL RANK
	HEIGHT X WIDTH X DEPTH	3.5 X 19 X 30 INCHES
	MOUNTING RAILS	READY RAILS STATIC RAILS FOR 2/4-POST RACKS (B20)
	MOTHERBOARD	POWEREDGE R7615 MOTHERBOARD
	POWER SUPPLY	800W REDUNDANT
	AVG. POWER CONSUMPTION	283W
	BTU/HR	965
	VIDEO STORAGE	8,000 HOURS



All VALT Servers are backed by a 5-year next business day on-site repair warranty.

To request warranty services please contact Intelligent Video Solutions by phone: 262-746-9290 or email: support@ipivs.com.

* Estimated retention hours for use with 1080P cameras for 720P cameras multiply by 2
Additional information available at ipivs.com/products/#servers