



VALT SERVER

R2B40SAI 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.





VALT SERVER

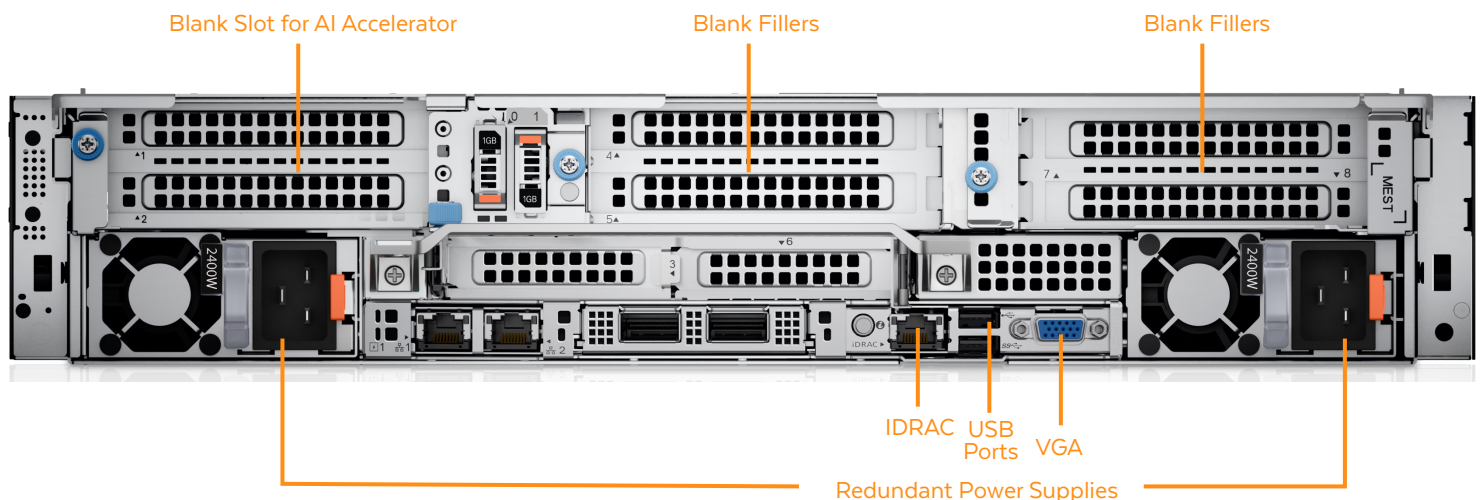
R2B40SAI SPECIFICATIONS



The R2B40SAI is an AI-enabled 2U full-depth chassis featuring an AMD EPYC 9224 CPU, NVIDIA Tesla L4 AI Accelerator, 64GB RAM, 480GB RAID 1 SSD OS/Application array and 40 TB RAID 1 video archive. This appliance is benchmarked to manage up to 50 1080p cameras and offers 20,000 hours of video storage.

TECHNICAL SPECIFICATIONS

MODEL NAME	R2B40SAI
FORM FACTOR	2U
CAMERAS	50
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	40TB
RAID STORAGE	RAID 1
CPU	AMD EPYC 9224 2.50GHZ, 24C/48T, 64M CACHE (200W) DDR5-4800
CACHE	64M CACHE
CORES	24C
THREADS	48T
SPEED	2.50GHZ
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	20,000 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