



VALT SERVER

R2A80SAI SPECIFICATIONS

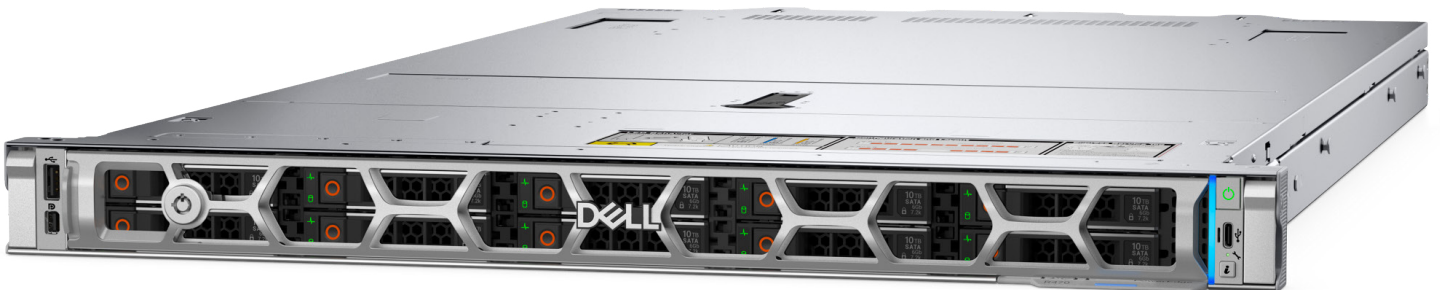


“INTELLIGENT VIDEO SOLUTIONS OFFERS A DISCIPLINED, ENTERPRISE CLASS TOOL. VALT FITS, WORKS AND IS SECURE.”

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.





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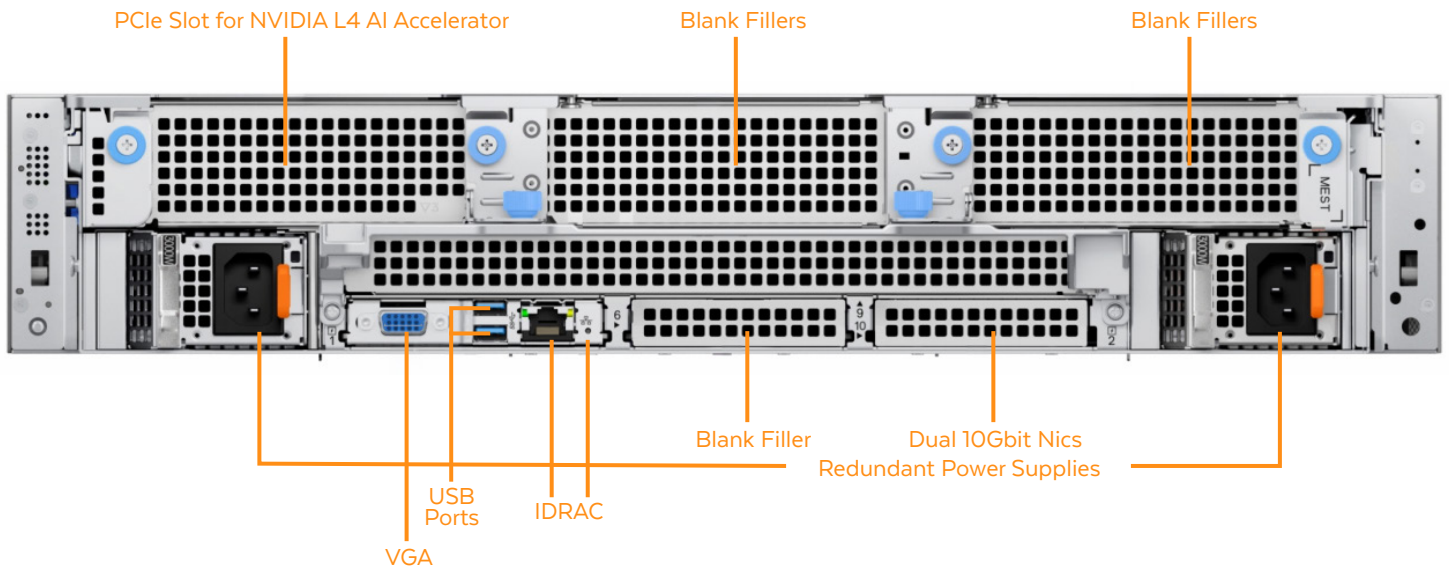
R2A80SAI SPECIFICATIONS



The R2A80SAI is an AI-enabled 2U full-depth chassis appliance featuring a XEON 6 Performance 6527P CPU, NVIDIA Tesla L4 AI Accelerator, 128 GB RAM, 480GB RAID 1 SSD OS/Application array and 80 TB RAID 10 video archive. This appliance is benchmarked to manage up to 50 1080p cameras and offers 40,000 hours of video storage.

TECHNICAL SPECIFICATIONS

| | |
|------------------------|---|
| MODEL NAME | R2A80SAI |
| FORM FACTOR | 1U |
| CAMERAS | 50 |
| OS | UBUNTU LINUX 24.04 |
| OS DRIVE | BOSS-N1 CONTROLLER CARD + WITH 2 M.2 480GB (RAID 1) |
| RAID OS | RAID 1 |
| STORAGE DRIVE | 40TB |
| RAID STORAGE | RAID 10, HOT SWAP |
| CPU | INTEL XEON 6 PERFORMANCE 6527P |
| CACHE | 144 MB |
| CORES | 24 |
| THREADS | 48 |
| SPEED | 3.0 GHZ |
| AI ACCELERATOR | NVIDIA TESLA L4 |
| MEMORY | 1.69" X 19.0" X 32.16" |
| HEIGHT X WIDTH X DEPTH | READYRAILS SLIDING RAILS WITH CABLE MANAGEMENT ARM |
| MOUNTING RAILS | POWEREDGE R470 MOTHERBOARD |
| MOTHERBOARD | DUAL, FULLY REDUNDANT (1+1), HOT-PLUG MHS POWER SUPPLY, 800W MM |
| POWER SUPPLY | (100-240VAC) |
| 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