



VALT SERVER

R1A8S 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

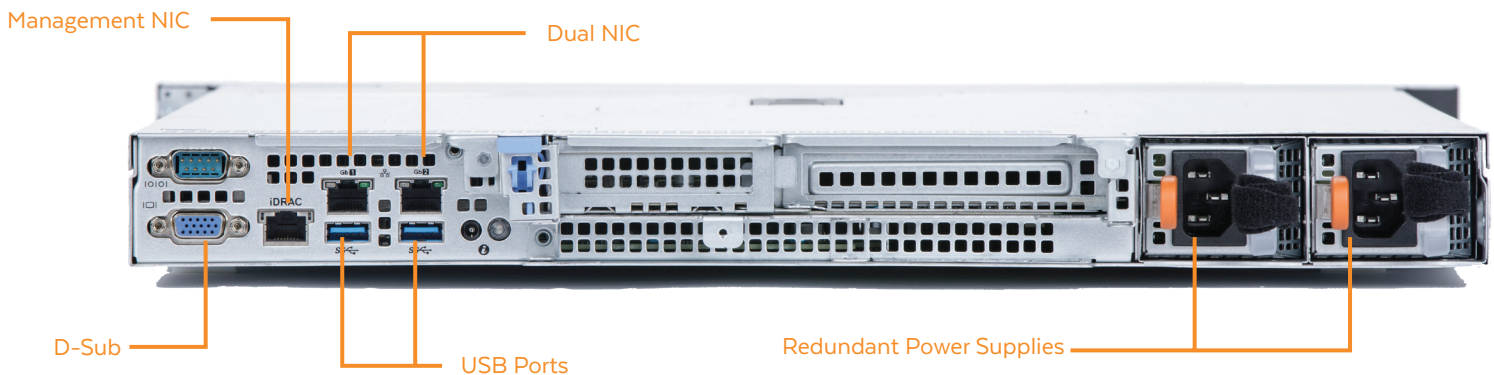
R1A8S SPECIFICATIONS



The R1A8S is 1U full-depth chassis featuring a single INTEL XEON E-2456 CPU, 16GB RAM, RAID 1 SSD OS/ Application array and 8 TB RAID 1 video archive. This appliance is benchmarked to manage up to 15 1080p cameras and offers 4,000 hours* of video archive.

TECHNICAL SPECIFICATIONS

MODEL NAME	R1A8S
FORM FACTOR	1U
CAMERAS	15
OS	UBUNTU LINUX 24.04
OS DRIVE	BOSS-N1 CONTROLLER CARD + WITH 2 M.2 480GB
RAID OS	RAID 1
STORAGE DRIVE	8 TB
RAID STORAGE	RAID 1
RAID CONTROLLER	PERC H355, FRONT
CPU	INTEL XEON E-2456
CACHE	18 MB
CORES	6
THREADS	12
SPEED	3.3 GHZ
MEMORY	16GB DDR5 MEMORY, 1X16GB UDIMM, 5600MT/S ECC
HEIGHT X WIDTH X DEPTH	1.7" X 17.08" X 23.45"
MOUNTING RAILS	RACK MOUNT, READYRAILS SLIDING RAILS WITH CABLE MANAGEMENT ARM
APPLIANCE WEIGHT	28 LBS
SHIPPING WEIGHT	50 LBS
MOTHERBOARD	POWEREDGE R360 MOTHERBOARD
POWER SUPPLY	DUAL, HOT-PLUG, REDUNDANT POWER SUPPLY (1+1), 600W
HEAT OUTPUT	546 BTU/HR
VIDEO STORAGE	4,000 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