



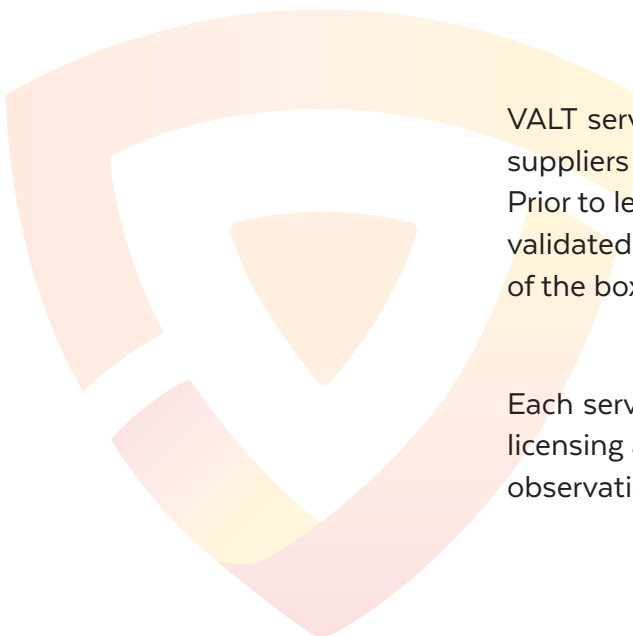
## VALT SERVER

### R1Z8S 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

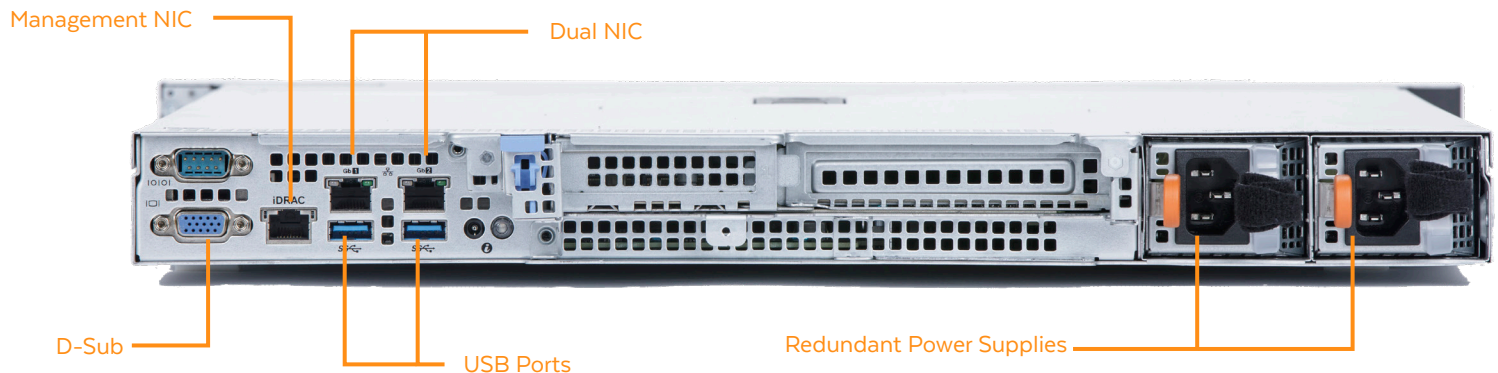
## R1Z8S SPECIFICATIONS



The R1Z8S is 1U full-depth chassis featuring a single INTEL XEON E-2356G CPU, 16GB RAM, RAID 1 SSD OS/ Application array and 8 TB RAID 5 video archive. This appliance is benchmarked to manage up to 20 1080p cameras offering 4,000 hours\* of video archive.

### TECHNICAL SPECIFICATIONS

MODEL NAME	R1Z8S
FORM FACTOR	1U
CAMERAS	15
OS	UBUNTU LINUX
OS DRIVE	BOSS CONTROLLER CARD + WITH 2 M.2 STICKS 240G
RAID OS	RAID 1
STORAGE DRIVE	8 TB
RAID STORAGE	RAID 1, HOT SWAP
RAID CONTROLLER	PERC H345 RAID CONTROLLER, FRONT
# CPUS	1
CPU	INTEL XEON E-2356G
CACHE	12 MB
CORES	6
THREADS	12
SPEED	3.2 GHZ
MEMORY	(2) 8 GB 3200MT/S DDR4 ECC UDIMM
HEIGHT X WIDTH X DEPTH	1.7" X 17.08" X 23.45"
MOUNTING RAILS	READYRAILS SLIDING RAILS WITH CABLE MANAGEMENT ARM
APPLIANCE WEIGHT	28 LBS
SHIPPING WEIGHT	50 LBS
MOTHERBOARD	POWEREDGE R350 MOTHERBOARD
POWER SUPPLY	DUAL HOT PLUG POWER SUPPLIES 600W
AVG. POWER CONSUMPTION	160W
BTU/HR	546
VIDEO STORAGE	4,000 HOURS*



All VALT Servers are backed by a 3 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](mailto: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](http://ipivs.com/products/#servers)