



VALT SERVER

R1Z4S 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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The R1Z4S is 1U short-depth chassis featuring a single Intel Xeon E-2336 CPU, 8GB RAM and 4TB RAID 1 video optimized drives. This appliance is benchmarked to manage up to ten 1080p cameras offering 2,000 hours* of video archive.

TECHNICAL SPECIFICATIONS

MODEL NAME	R1Z4S
FORM FACTOR	1U
CAMERAS	10
OS	UBUNTU LINUX 20.04
OS DRIVE	BOSS CONTROLLER CARD + WITH 2 M.2 STICKS 240G
STORAGE	4 TB
RAID OS	RAID 1
RAID STORAGE	RAID 1, HOT SWAP
RAID CONTROLLER	PERC H355 RAID CONTROLLER, LOW PROFILE
# CPUS	1
CPU	INTEL XEON E-2336
CACHE	12 MB
CORES	6
THREADS	12
SPEED	2.9 GHZ
MEMORY	(2) 4 GB 3200MT/S DDR4 ECC UDIMM
HEIGHT X WIDTH X DEPTH	1.7" X 17.08" X 23.45"
MOUNTING RAILS	YES
MOUNTING	1U/2U STATIC RAILS FOR 2-POST AND 4-POST RACKS
APPLIANCE WEIGHT	21 LBS
SHIPPING WEIGHT	37 LBS
MOTHERBOARD	POWEREDGE R250 MOTHERBOARD
POWER SUPPLY	SINGLE, CABLED POWER SUPPLY, 450W
AVG. POWER CONSUMPTION	160W
BTU/HR	545.9
VIDEO STORAGE	2,000 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.

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