



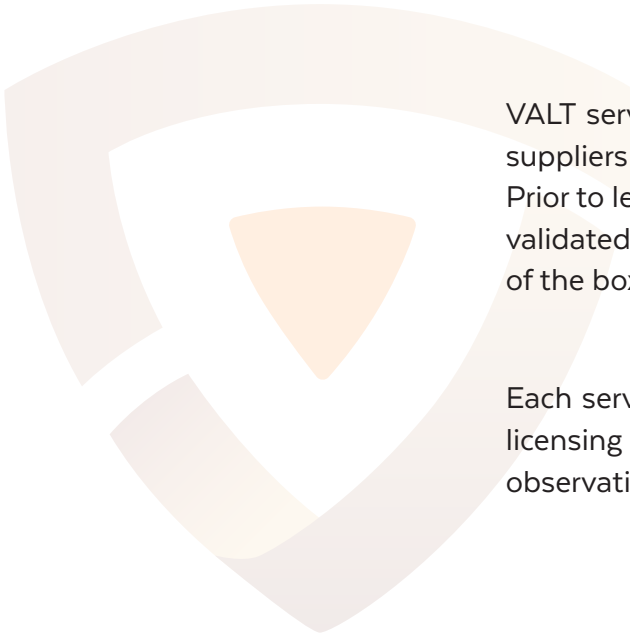
VALT SERVER

R1X12S 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

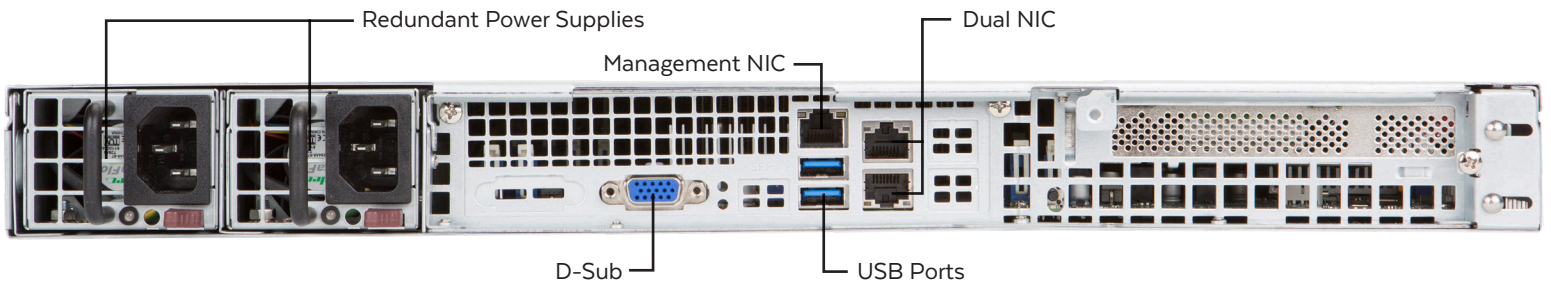
R1X12S SPECIFICATIONS



The R1X12S is 1U full-depth chassis featuring a single XEON E5-2620v4 CPU, 32GB RAM, RAID1 SSD OS/Application array and 12TB RAID5 video archive. This appliance is benchmarked to manage up to twenty-five 1080p cameras offering 6,000 hours* of video archive.

TECHNICAL SPECIFICATIONS

MODEL NAME	R1X12S
FORM FACTOR	1U
CAMERAS	25
OS	UBUNTU SERVER
OS DRIVE	256GB SATA 6GBPS 2.5IN 120TBW
RAID OS	RAID1, COLD SWAP
STORAGE DRIVE	12 TB SEAGATE 6TB SATA 512E 6GBPS SATA3 7200RPM 256MB 3.5IN
RAID STORAGE	RAID5, HOT SWAP
RAID CONTROLLER	BROADCOM 3108 12GBPS 2GB CACHE
# CPUS	1
CPU	E5-2620V4
CACHE	20 MB
CORES	8
THREADS	16
SPEED	2.1 GHZ
FAN	SUPERMICRO 40X40X28 MM, 22.5K RPM
HEATSINK	SUPERMICRO 1U LGA2011 SQUARE ILM CUSTOM
MEMORY	32 GB MICRON DDR4 2400MHZ
CASE	SUPERMICRO 813MFTQ-R606CB ATX 1U
HEIGHT X WIDTH X DEPTH	1.7" X 16.8" X 25.5"
MOUNTING RAILS	OUTER RAIL, QUICK-RELEASE TYPE, 25.6 INNER RAIL, FRONT, SHORT, QUICK-RELEASE TYPE INNER RAIL, EXTENSION (QUICK) FOR 1U 17.2
APPLIANCE WEIGHT	31LBS
SHIPPING WEIGHT	36LBS
MOTHERBOARD	SUPERMICRO X10DRL-C RETAIL ATX R3 2011 C612 I210 LSI 3108
POWER SUPPLY	600W REDUNDANT SINGLE OUTPUT W/PMBUS, SHORT DEPTH
HOURS	6,000*



All VALT Servers are backed by a 3 year depot repair** or component replacement 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

** Onsite repair labor warranty may be added to any server on an annual basis, contact sales@ipivs.com for estimates. Additional information available at ipivs.com/products/#servers