

VideoX R12X



2U Rackmount Enterprise Server NVR
Dual 2.1Ghz Scalable, 1x Nvidia GPU

216TB	150	1790Mb	14650
Max Storage	Max Cameras	Throughput	CPU Passmark

VideoX R36X



4U Rackmount Enterprise Server NVR
Dual 2.1Ghz Scalable, 1x Nvidia GPU

648TB	150	1790Mb	14650
Max Storage	Max Cameras	Throughput	CPU Passmark

VideoX R12X ENT Scalable NVR	Scalable	VideoX R36X ENT Scalable NVR
DUAL Intel® Xeon Silver 4208 2.1Ghz CPU 16 Core/32 Thread 64GB ECC Buffered DDR4 RAM - Dual bank	Processing	DUAL Intel® Xeon Silver 4208 2.1Ghz CPU 16 Core/32 Thread 64GB ECC Buffered DDR4 RAM - Dual bank
Up to 216TB, 12x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation	Video Storage	Up to 648TB, 36x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation
Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
Dual Intel 1Gbit Eth RJ45 + 1Gb IPMI (2x 10Gb upgrade avail)	Networking	Dual Intel 1Gbit Eth RJ45 + 1Gb IPMI (2x 10Gb upgrade avail)
Hardware RAID 6 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs	RAID	Hardware RAID 60 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs
Nvidia Server grade Quadro P1000V2, 4 GB GDDR5 Memory, CUDA Cores w/Tuned FW & Services	GPU	Nvidia Server grade Quadro P1000V2, 4 GB GDDR5 Memory, CUDA Cores w/Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	OS	Microsoft Windows Server Standard 2019 (LTSC)
550W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz	Power	1200W Dual Redundant hot swap Output @ 100-240V, 10-19.5A, 50-60Hz
Standard 19" Rackmount w/Rails 2U height 444mm(W) x 87.6mm(H) x 670mm(D) 17.5"(W) x 3.5"(H) x 26.7"(D) Ship Weight w/ 12x HDDs = 40k/87lbs	Physical	Standard 19" Rackmount w/Rails 4U height 444mm(W) x 179mm(H) x 670mm(D) 17.5"(W) x 7"(H) x 26.7"(D) Ship Weight: W/ 36x HDDs = 70k/155lbs
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	Warranty	3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)
12x front accessible HDD's, 2x SSD's, Redundant Power Supplies, Fans	Hot-Swap	36x front and rear accessible HDD's, 2x SSD's Redundant Power Supplies, Fans
1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB	1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)
Milestone XProtect, Avigilon ACC7 or ONSSI Ocularis 5, Axonsoft4 Pre-loaded, GPU Active & Performance tuned.	VMS	Milestone XProtect, Avigilon ACC7 or ONSSI Ocularis 5, Axonsoft 4 Pre-loaded, GPU Active & Performance tuned
Out of Band (OOB) Remote Management including: IPMI System Management, KVM Console Redirection, Virtual Media Management, Trap Receiver, System Power Control, HDD & SSD Management, System Diagnostic (w/ Super Diagnostics Offline), IPv6, Serial-over-LAN, Boot Override, Firmware Upgrade, Sensors and Event log, Power Supply and BBP Monitoring	Management	Out of Band (OOB) Remote Management including: IPMI System Management, KVM Console Redirection, Virtual Media Management, Trap Receiver, System Power Control, HDD & SSD Management, System Diagnostic (w/ Super Diagnostics Offline), IPv6, Serial-over-LAN, Boot Override, Firmware Upgrade, Sensors and Event log, Power Supply and BBP Monitoring



AVIGILON



Western Digital



VideoX R12X2



2U Rackmount Enterprise Server NVR
Dual 3.2Ghz Scalable, 2x Nvidia GPU

216TB	250	2970Mb	25710
Max Storage	Max Cameras	Throughput	CPU Passmark

VideoX R36X2



4U Rackmount Enterprise Server NVR
Dual 3.2Ghz Scalable, 2x Nvidia GPU

504TB	250	2970Mb	25710
Max Storage	Max Cameras	Throughput	CPU Passmark

VideoX R12X2 ENT Scalable NVR	Scalable	VideoX R36X2 ENT Scalable NVR
DUAL Intel® Xeon Silver 4215R 3.2Ghz CPU 16 Core/32 Thread 64GB ECC Buffered DDR4 RAM - Dual bank	Processing	DUAL Intel® Xeon Silver 4215R 3.2Ghz CPU 16 Core/32 Thread 64GB ECC Buffered DDR4 RAM - Dual bank
Up to 216TB, 12x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation	Video Storage	Up to 504TB, 36x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation
Mirrored 960GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	Mirrored 960GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
Dual 10Gb and Dual Intel 1Gbit Eth RJ45 + 1Gb IPMI	Networking	Dual 10Gb and Dual Intel 1Gbit Eth RJ45 + 1Gb IPMI
Hardware RAID 6 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs	RAID	Hardware RAID 60 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs
Dual tuned Nvidia Server grade Quadro P1000V2, 4 GB GDDR5 Memory, CUDA Cores w/Tuned FW & Services	GPU	Dual tuned Nvidia Server grade Quadro P1000V2, 4 GB GDDR5 Memory, CUDA Cores w/Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	OS	Microsoft Windows Server Standard 2019 (LTSC)
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