

Imagine XVR™ On-Prem Platform

Elevating Video Delivery

Imagine XVR™ is a powerful, software-based playout engine designed to meet the evolving demands of modern broadcast and media operations. Built for exceptional flexibility, scalability, and efficiency, XVR supports seamless deployment across environments, enabling broadcasters to scale and manage their infrastructure dynamically within a unified platform.



Great software needs a solid foundation – that’s why Imagine offers fully supported hardware platforms for on-prem deployments of XVR.

Built on Imagine’s decades of experience supporting the world’s leading broadcast operations, the XVR platforms are engineered for long-term reliability, simplified maintenance, and comprehensive support. These fully supported systems are designed to meet the evolving demands of modern broadcast workflows, ensuring a stable foundation for mission-critical operations.

With market-leading scalability, XVR thrives in dense, complex playout environments. Whether managing a single channel or hundreds, broadcasters can rely on XVR to deliver high-quality content with precision and consistency – anywhere, at any scale, and with complete confidence.



XVR ON-PREM PLATFORM DETAILS

SYSTEM SPECIFICATION

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| Server | HPE Gen 11 DL345 |
| Processor | AMD EPYC 9354P (32 cores, 64 threads) |
| Memory | 8x 16GB (128 GB) PC5-4800 |
| OS Drives | 2x 480 GB NVMe |
| Optional Local Content Drives | 12 x (10 data + 2 parity) Raid 6: (total RAID Bandwidth 3Gbps) <ul style="list-style-type: none"> • 2TB Disks – Raw 24TB – Usable 20TB • 6TB Disks – Raw 72TB – Usable 60TB • 8TB Disks – Raw 96TB – Usable 80TB |
| Support for External Storage | Imagine IOX Express (EFS) |
| General-Purpose Network IO | 4x 1Gb Network Interfaces 1x iLO – Integrated Lights Out OOB Port |
| Storage Network IO options | <ul style="list-style-type: none"> • Broadcom BCM57414 2-port 10/25GbE PCIE NIC • Broadcom BCM57414 2-port 10/25GbE OCP3 NIC |
| SMPTE ST 2110 Network IO | Intel E810 – dual 25Gbps SFP28 (main/protect -7) |
| Operating System | Ubuntu 22.04 LTS |

ORDERING INFORMATION

XVR ST 2110 PLATFORM ORDERING INFORMATION

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| XVR-HW-2UG11-2110 | IMAGINE XVR 2RU GEN11 ST 2110 PLAYOUT SERVER PACKAGE – AMD EPYC 9354P CPU, REDUNDANT OS DRIVES, 128GB DDR5, 4X1G MANAGEMENT NIC, 2X25G STORAGE NIC, 2X25G NIC OPTIMIZED FOR ST 2110 I/O. |
| XVR-HW-G11-STOR-24TB | IMAGINE XVR GEN11 24TB INTERNAL STORAGE PACKAGE (RAID KIT PLUS 12x2T DRIVES) |
| XVR-HW-G11-STOR-72TB | IMAGINE XVR GEN11 72TB INTERNAL STORAGE PACKAGE (RAID KIT PLUS 12x6T DRIVES) |
| XVR-HW-G11-STOR-96TB | IMAGINE XVR GEN11 96TB INTERNAL STORAGE PACKAGE (RAID KIT PLUS 12x8T DRIVES) |
| XVR-HW-SFP-25 | 1X 25GBE SFP28 OPTICAL MULTIMODE 850nm |
| XVR-HW-SFP-10 | 1X 10GBE SFP+ OPTICAL MULTIMODE 850nm |

XVR PLATFORM SPARE PARTS ORDERING GUIDE

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|-------------------------------|---|
| XVR-HW-G11-DDR-16G-48 | 16GB MEMORY MODULE. QTY(1) 16GB SINGLE-RANK DDR5-4800 FOR HPE GEN11 |
| XVR-HW-2UG11-SSD-960GB | IMAGINE XVR MEDIA SSD FOR HPE GEN11, 1X 960GB 3.5 INCH ENTERPRISE DRIVE |
| XVR-HW-2UG11-HDD-1TB | IMAGINE XVR MEDIA HDD FOR GEN11, 1X 1TB 3.5 INCH ENTERPRISE SPARE DRIVE |
| XVR-HW-2UG11-HDD-2TB | IMAGINE XVR MEDIA HDD FOR GEN11, 1X 2TB 3.5 INCH ENTERPRISE SPARE DRIVE |
| XVR-HW-2UG11-HDD-4TB | IMAGINE XVR MEDIA HDD FOR GEN11, 1X 4TB 3.5 INCH ENTERPRISE SPARE DRIVE |
| XVR-HW-2UG11-HDD-6TB | IMAGINE XVR MEDIA HDD FOR GEN11, 1X 6TB 3.5 INCH ENTERPRISE SPARE DRIVE |
| XVR-HW-2UG11-HDD-8TB | IMAGINE XVR MEDIA HDD FOR GEN11, 1X 8TB 3.5 INCH ENTERPRISE SPARE DRIVE |
| XVR-HW-2UG11-FAN | MIDPLANE FAN KIT FOR 2RU DL345 GEN11 MULTIPURPOSE APPLIANCE BASED PLATFORMS |
| XVR-HW-G11-PS1000 | SPARE POWER SUPPLY GEN11 2RU 1000W 100-240VAC TITANIUM HOT PLUG PSU |
| XVR-HW-NIC-PCIE-1G | 4-PORT 1GBE PCIE FOR IMAGINE 2RU HPE GEN11 |
| XVR-HW-NIC-PCIE-1025 | 2-PORT 10/25GBE PCIE FOR IMAGINE 2RU HPE GEN11. DOES NOT INCLUDE OPTICS |
| XVR-HW-NIC-OCP-1025 | 2-PORT 10/25GBE OCP3 FOR IMAGINE 2RU HPE GEN11. DOES NOT INCLUDE OPTICS |
| XVR-HW-2UG11-6xPCIE | 6 PCIE ENABLEMENT KIT FOR HPE GEN11 2RU |
| XVR-HW-2UG11-12LFF | IMAGINE XVR 2U GEN11 12LFF DRIVE FRONT UPGRADE KIT |
| XVR-HW-2UG11-RAID | RAID KIT FOR DL345 2RU GEN-11 SERIES SERVERS; ENABLES UP TO 12 HDD OR SSD |