

CINELERRA – The World's First 64 Bit HD Editing and FX System

CINELERRA HD

CINELERRA, the first Linux based real-time editing and special effects system is a revolutionary Open Source HD media editing system. Long developed by Heroine Warrior with vital assistance from LMA, Cinelerra gives you **real-time** 1080p editing and compositing power on a state-of-art Linux video workstation. Developed for AMD64 OPTERON technology, the LMA CINELERRA system is a powerful and highly productive workstation for adding cost effective hardware and Linux software for Video and film production studios. The LMA CINELERRA system will support SMPTE-292 and SMPTE-259 native 10-bit resolution - the maximum resolution allowed in SMPTE SDI standards on OPTERON. CINELERRA was the first media editing system ported to support the AMD OPTERON 64 bit technology. CINELERRA has a number of effects built into the system including numerous telecine effects, video special effects including compositing, and a complete audio effects system. Cinelerra is featured on the APRO, the first 64 Bit Intellistation ever offered by IBM.

CINELERRA HD LINUX VIDEO EDITING SYSTEM OPTIONS

Hardware

1 LMA Rack Mountable LMA222 Dual CPU 8 Drive Server Case with 460W Power Supply

1 Tyan Thunder K8W (S2885) Motherboard
 - Dual AMD Opteron™ 200 Series Processors (2.0GHz with 1MBL2 Cache)
 - HyperTransport Technology
 Supports up to 19.2 GB/s peak I/O bandwidth per processor
 - 2 Gigabytes Registered DDR Memory
 - 4 PCI-X 100 Slots
 - 1 PCI Slot

1 ASUS V9750/Graphics/256 - Display Card

or

1 IBM APRO Intellistation

([download APRO data sheet](#))

Storage

1 LSI Logic - 21320R-KIT PCI-X Ultra 320 SCSI Dual-Channel Host Bus Adapter

1 Maxtor 80.0GB Serial ATA 7200RPM with 8MB Buffer for the System Drive

8 Seagate 73GB U320 80-Pin SCA LVD SCSI Hard Drive 1inch Low Profile
 10K RPM - ST373307LC 584GB Total Storage on the Disk Array Raid 3
 664 GB Total

or

1 HighPoint Rocket Raid 18208 Channel PCI-X SATA Raid 5 Host Adapter

1 Maxtor 80.0GB Serial ATA 7200RPM with 8MB Buffer for the System Drive

8 Seagate 120GB ST3120026AS 7200 SATA/150
 1.04 Terabyte Total Storage

Video Capture/Playback Cards

1 AJA HD-SDI Capture/Playback IO Card

or

1 AJA SDI-601 Capture/Playback IO Card

or

1 AJA Kona2 Capture/Playback HD-SDI/SDI-601 IO Card (when available)

or

1 DVS HD-SDI Capture/Playback IO Card (for 2K Support)

DOWNLOAD CINELERRA DATA SHEET



CINELERRA ON THE IBM APRO INTELLISTATION

Revolutionary Evolution

Introducing the IBM IntelliStation® A Pro powered by AMD Opteron™ 200 Series processors, delivering the scalability of 64-bit computing without sacrificing 32-bit compatibility or performance. Powered by single or dual AMD Opteron 200 Series processors up to 2.2GHz, the all-new IntelliStation A Pro workstation doubles the data pathway with its AMD64 architecture, accessing up to 16GB¹ of DDR PC3200 memory to process massive datasets in 64-bit chunks.

IBM IntelliStation Workstations: Performance know-how.

CINELERRA HIGHLIGHTS (click selector below)