

# VIDEOSTATION

## Well-Thought-Out Down to the Smallest Details

- The VIDEOSTATION® is the optimal hardware platform for using any of the current video editing applications like ADOBE® Premiere, AVID® Media Composer and Xpress Pro HD, CANOPUS® Edius, MAGIX® Video Pro X2 and Deluxe, MATROX® and PINNACLE® Studio, and SONY® Vegas. The hardware components we select for assembling the VIDEOSTATION® do not only meet the system requirements of the publishers of these video editing applications, they are also specifically designed to fully meet the demands of video editing applications from the hardware they are running on.
- A VIDEOSTATION® is able to meet the very high demands concerning a suitable working environment for focused video editing: Thanks to a special cooling technology and wiring that is tailored to optimal air circulation, even the basic VIDEOSTATION® shines with extremely low heat and noise emissions despite its high processor performance. With our optional super-silence package, annoying operating noise can be further reduced down to the technically inevitable minimum.

## Even Today, VIDEOSTATION® Meets the Technological Standards of the Future:

- **64-bit applications:** In the near future, renowned publishers of video editing applications like ADOBE® will rely exclusively on 64-bit technology for their products\*. Our editing suite is already prepared  
\* at present: After Effects, Photoshop, and Premiere.
- **Processor Technology of Tomorrow:** Whether it's 64-bit instruction sets, multi-core and multi-thread applications, dynamic clock rates, or DMA channels with data transfer rates of up to 32 GB/s – the VIDEOSTATION® meets all technical demands.
- **Fault Tolerant Video Storage:** Integrated into the front side of the VIDEOSTATION® is a RAID hard disk array that provides sufficient storage capacity for your project data. The hard disk drives are held in enclosures that can be accessed easily at any time and without having to use any tools.
- **VIDEOSTATION® supports various video inputs and outputs:** HDMI, SDTI, HD-SDI (SMPTE 259M), Y/C, YUV, CVBS/FBAS, DV/i.LINK **and codecs:** XDCAM EX/HD, HDV, DV25/50, DVCAM, DVCPRO 25/50/HD, DNxHD 36/145/220, MPEG IMX, MPEG-2 4:2:2, REDCODE 28/36/42, uncompressed.



VIDEOSTATION® Montaña Grande



VIDEOSTATION® Montaña



VIDEOSTATION® Montaña 19-Zoll

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**VIDEOSTATION**  
makes video editing perfect!

# TECHNICAL DATA, SCOPE OF DELIVERY & SERVICE

## Processors:

- **INTEL® XEON, i5 or i7** (normal or extreme) with up to 3.6 GHz processor clock rate.

## Casings (2 Basic Versions):

- **Big- or midi tower** with removable side frames and thermally controlled fans.
- **19" slide-in module** for a 19" cabinet, glass door with security lock, removable side frames, brush insert at the rear, ventilation slots at the sides, 6 active roof fans (automatically shiftable), completely pre-assembled

## Measurements (width x height x depth):

- **Big tower:** 21.5 x 51.5 x 54.0 cm.
- **Midi tower:** 20.0 x 43.5 x 48.6 cm.
- **19" slide-in module:** 48.3 x 17.8 x 66.7 cm.

## Memory:

- DDR3 SDRAM technology according to industrial standard (1.7 V, 1600 MHz). single/dual channel with up to 25.6 GB/s. Min/Max configuration: 2 GB / 16 GB.

## Hard Disk Controller

### (Scope of Supply Depending on Model):

- Serial ATA and RAID.
- eSATA with port replication and RAID.

## Internal Slots

### (Scope of Supply Depending on Model):

- Up to 4x PCIe 16x
- Up to 3x PCIe 4x
- Up to 2x PCIe 1x
- Up to 1x PCI

## Hard Disk Drive Enclosures:

- **Tower:** Up to eight 5.25" hard disk drive enclosures, optionally one 3.5" hard disk drive enclosure.
- **19" slide-in module:** Nine high 5.24" hard disk drive enclosures, one 3.5" hard disk drive enclosure.

## Safety Regulations (complied with or surpassed by components):

- UL 1950, CSA 950, NEMKO EN60 960 (adjusted IEC 950); RFI/EMI: FCC Class A, CISPR 22 Class A (EN55022), CI, 108,8-M1983 Class A, EMC guideline 89/336/EEC (CE).

## Hard Disk Drives:

- 500 GB hard disk drive, solid state optional.
- 1.5 to 12 TB for video data as RAID (0, 1, 5, or 10) or spread across single hard disk drives.
- Applicable for hot-plug and N+1 hot-swap cooling.



## Drives:

- **DVD writer:** 16x/48x-speed and / or
- **BlueRay writer:** Up to 10x-speed with latest LightScribe technology. Supports all current formats.

## Network Interface Card:

- 10/100/1000 BaseT (OnBoard).
- Fiber Channel (optional).

## External E/A Connections:

- 2 IEEE 1394a (FireWire) ports.
- Up to 12 USB Ports, optionally USB 3.0.
- Up to 2 eSATA Ports (multiplex).
- Card reader for up to 50 different formats for the transfer of recordings directly from the camera chip (e. g. SDHC, optionally also P2 and SxS).

## Keyboard / Mouse (cordless or USB)

- It's your choice:
- Cordless comfort in elegant design.
- Especially for video editors: the color-coded video keyboard.

## Sound System:

- Intel HDAudio on-board.
- AC'97 support.
- Support for all Dolby technologies including the latest Dolby Pro Logic Ix.
- Improved device recognition for audio connectors.
- Sample rates of 6 kHz up to 192 kHz.
- Sample resolutions of 8 up to 32 bit.
- 15 simultaneous input and output streams with up to 16 channels per stream.
- 24x higher performance than the SoundBlaster Audigy chip, CMSS 3D technology, 24-bit Crystalizer, optimal processor performance for games, entertainment, or music composition.
- Optionally X-Fi technology for a better sound experience

## Graphics:

### ATI Radeon, e. g. HD3xxx:

- Clock rate: 600 MHz.
- Memory: 256 MB DDR2 with 1,000 MHz.
- 64-bit memory interface.
- Shader model: 4.1
- DirectX version: 10.1
- OpenGL version: 3.1

## Multi display technology:

- Support for at least 2 independent displays (output for at least 2 analogue or digital displays / TV sets) in a single graphics card, including various configuration options (multi-display, DVDMax, Zoom, Clone, TV-Out).

## CUDA (optional):

- Quick rendering through parallelization by using up to 192 additional graphics processors on up to 3 displays.

## Power Supply:

- **Total power** up to 660 Watt.
- Combined power 3.3V / 5V up to 155W.
- Combined power 12V up to 600 W. Efficiency up to 85 %.
- Standard ATX 12V 2.2, ATX 2.03, EPS.
- **Protection features:** Overvoltage protection (OVP), overload protection (OLP/OPP), short circuit protection (SCP), active PFC.
- **Features:** ATX 12V 2.2, EPS12V 2.9x, cable management, temperature-regulated fan.
- **optional:** Uninterruptable power supply and line conditioner up from 250 VA.
- **optional:** Redundant power supply with 2 x 500, 2 x 550 W and failure indicator.

## Other Features:

- **Super silence package (optional):** Being equipped with the optional super silence package, the VIDEOSTATION® is the video editing suite with the least noise emission on the market.
- **In the 19" cabinet:** Equipped as standard with a digital temperature indicator and a temperature sensor (LED), 1HE. Uninterruptable power supply and line conditioner up from 1,000 VA with monitoring software.

## Operating system:

- MICROSOFT Windows XP, Vista, or 7 with 32 or 64 bit, as you choose, or as the installed editing software requires.

## Supplied Software

### (Scope of Supply Depending on Model):

- CyberLink burn and backup suite, Acronis True Image Home, and many more. You will find a complete list at <http://www.videostation.info/softwarepaket.htm>

## Service features:

- **3 years warranty.** During the first year including pick-up and delivery free of charge in case of hardware failures.
- Including an **image**, with which the state of delivery can be recovered in case of a technical failure, optionally including the entire video editing environment (and also different Windows installations).
- **Support via the internet** free of charge. We perform the necessary modifications or present procedures, you watch us doing so.
- Special **trainings** at reduced prices.
- The official **manual** to the editing suite is available in English and German.
- Each VIDEOSTATION® that is being delivered has undergone a thorough quality check and is „**ready-to-run**“.
- Fast and reliable delivery.
- Last but not least: Friendly and cost-free support from a team that is well versed in video editing!

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