



Broad-server PC

ultra-fast processing



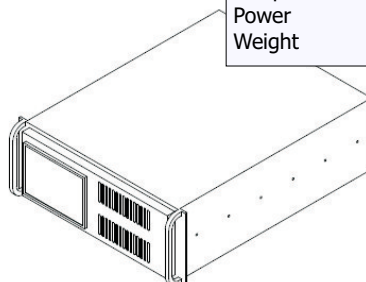
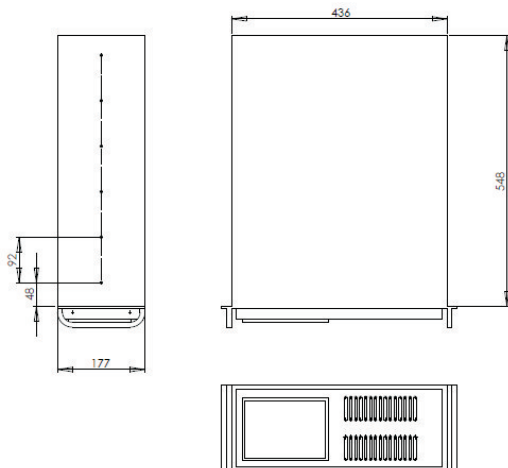
Cel-Soft's new range of rack-mount PCs called Broad-server promise very high performance with totally reliable operation. They can handle many hundreds of gigaflops. These units are specifically aimed at the very high performance needs of broadcast applications in post-production, production and systems infra-structure. Based on six, eight or more cores Intel i7® or Xeon® processors, a Cel-Soft Broad-server is configured with Nvidia graphics for sheer brute GPU performance as so many apps now use CUDA. There are display outputs for at least 3 hi-res screens and internally there are plenty of available slots for capture cards for video input and output as required. All the usual interfaces are there, packaged in a solid rack-mount system.

The front panel of a Broad-server can come with 8" colour LCD touch-screen so that engineering staff can easily access set-up and monitoring facilities and generally keep an eye on system activity. The special Cel-Soft CSAM facility allows all running apps and physical parameters to be viewed. The built-in screen can also be used as the main user interface for a Broad-server in a stand-alone application.

Suitable for running Cel-Scope3D stereoscopic analyser, Cel-Soft Reel-Check and many other broadcast applications.

- Ultra-fast processing**
- Multi-core**
- RAID HDD as standard**
- Boot SSD for speed**
- NVidia Graphics with CUDA**
- 3 Screen outputs**
- Built-in touch screen monitor option**
- Advanced cooling system**
- 4 spare slots for I/O**
- Windows or Linux**
- Intel i7 or Xeon processors**

Broad-server model CXS-7680 Specifications: (other configurations available)	
Processor:	Intel i7 - 3930K 6 core
Memory:	16 Gb.
SSD (boot C:)	120 Gb
RAID	3.6 Tb (4 x 1Tb) 550 Mb/S Read/Write
Optical	Blu-ray / DVD/ CD-RW reader-writer
Graphics	Nvidia GTX-680 1344 CUDA cores, 3 disp ports
Optional	Built-in 8" LCD touch screen + monitor software
Optional	Blackmagic or Bluefish video interfaces HD-SDI
Optional	Additional Nvidia GTX-680 for even more cores
Physical:	4U height, 19" Rack mount width
Length	600mm nominal
Temperature	0 to 45°C
Power	850 Watts max 90-260 VAC 50-60 Hz
Weight	20 Kgs approx



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