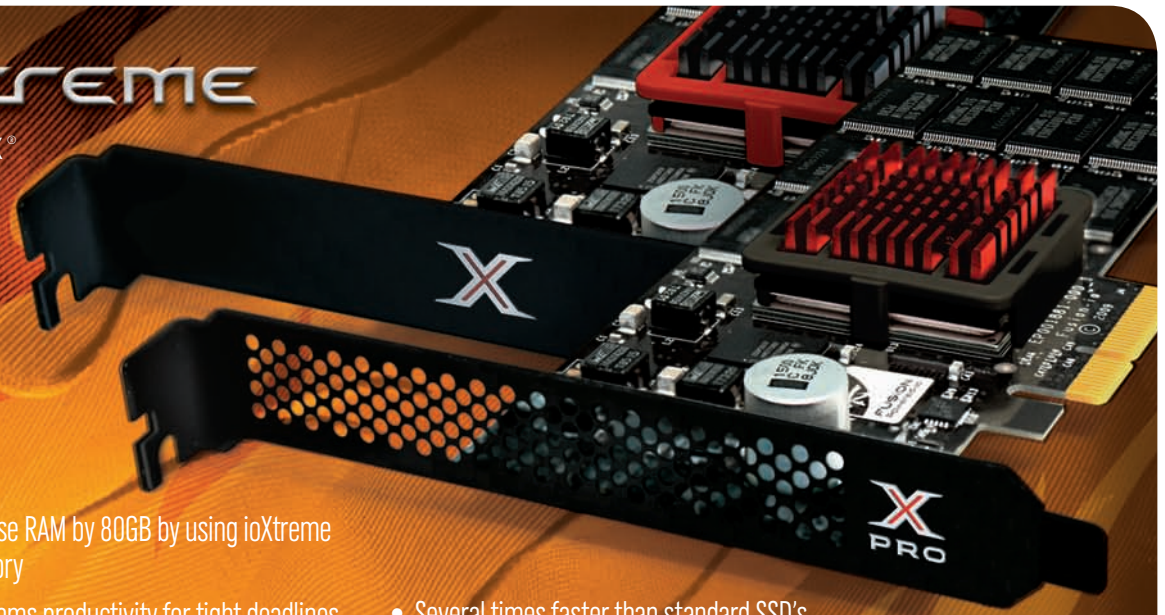
ioXtreme

FOR AUTODESK®



- Instantly increase RAM by 80GB by using ioXtreme as virtual memory
- Improve your teams productivity for tight deadlines and profitability
- Several times faster than standard SSD's
- Easy installation and management

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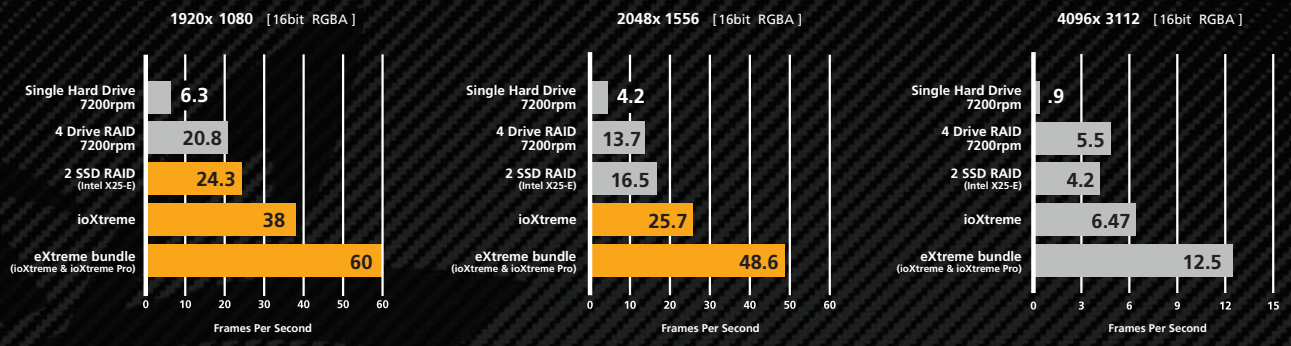
Fusion-io™, the thought leader in solid state storage, brings the world's fastest storage to enterprise high performance PC's and workstations, including the desktops of film compositors, editors, and media artists doing editing and point-cached work. "The ioXtreme gives any compositing artist the speed he needs for unconstrained creativity. It revolutionizes the production pipeline and removes the biggest bottleneck currently plaguing the digital artist," said Vincent Brisebois, Autodesk Toxik Product Designer.

The ioXtreme and ioXtreme Pro dramatically improves multi-threaded media applications' compositing and playback times at much lower upfront and operational costs than other high performance workstation solutions. By greatly reducing processing times for editing large files or working with 3D scene layouts from point-cached files, we allow artists to review their work in full quality and in real time. This allows them to stay focused, making them more productive and facilitating their creativity. We even reduce power costs, and make the work environment cooler and quieter.

Independent testing of Autodesk's Composite with Fusion's ioXtreme cards plus a variety of alternative solutions are shown in the table below.



Items in orange indicate playback at real-time speeds.

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* Testbed: Dual Quad-Core Xeon Nehelem TowerServer with 2 x Intel Xeon Quad Core W5580 3.2GHz, SuperMicro X8DA-i Xeon Quad-Core Motherboard, 12GB DDR3-1333, Quadro FX5800 Graphics Card.

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The table below shows the full testing results in Frames Per Second:

Note: the "Dual ioXtreme" results are for an ioXtreme and an ioXtreme Pro in RAID0 configuration

FILE SIZE	DEPTH	CHANNELS	SINGLE 7200 RPM	4 DRIVE RAID 7200 RPM	2 SSD RAID INTEL X25-E	IOXTREME	DUAL IOXTREMES
1920x1080	8bit	RGB	16	54.6	58	>60	>60
1920x1080	8bit	RGBA	12	41.6	46	>60	>60
1920x1080	16bit	RGB	8	27.3	32.4	51.4	>60
1920x1080	16bit	RGBA	6.3	20.8	24.3	38	>60
1920x1080	32bit	RGB	4	13.9	16.5	25.7	51.4
1920x1080	32bit	RGBA	3	10.4	12.9	19.4	38
2048x1556	8bit	RGB	11	36.4	41.7	51.4	54.6
2048x1556	8bit	RGBA	8.4	27.3	32.4	48.6	>60
2048x1556	16bit	RGB	5.5	18.2	21.9	33.6	>60
2048x1556	16bit	RGBA	4.2	13.7	16.5	25.7	48.6
2048x1556	32bit	RGB	2.7	9.01	11.1	17.1	33.6
2048x1556	32bit	RGBA	2	6.72	8.4	12.9	25.7
4096x3112	8bit	RGB	2.6	10.3	11.2	15.1	16.2
4096x3112	8bit	RGBA	2	10.3	8.1	12.7	24.7
4096x3112	16bit	RGB	1.3	5.5	5.6	8.5	16.5
4096x3112	16bit	RGBA	0.9	5.5	4.2	6.4	12.5
4096x3112	32bit	RGB	0.3	3	2.7	4.3	8.2
4096x3112	32bit	RGBA	0.2	2.3	2.1	3.2	6.2

Items in orange indicate playback at real-time speeds.

Average percentage improvements between configurations are as follows:

2 INTEL X25-E TO 4 DRIVE MECHANICAL RAID	IOXTREME TO 4 DRIVE MECHANICAL RAID	IOXTREME TO 2 INTEL X25-E RAID	DUAL IOXTREMES TO 2 INTEL X25-E RAID	DUAL IOXTREMES TO SINGLE IOXTREME
9.12%	**60.72%**	**47.36%**	**165.24%**	**63.29%**