

RADEON
GRAPHICS

AMD

AMD Radeon™ HD 6990 Graphics
SELL SHEET



Get Radeon™ in your system.

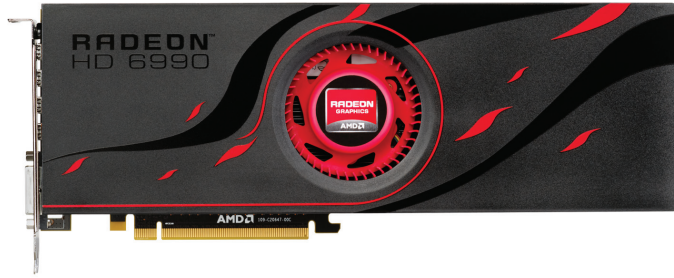
AMD Radeon™ HD 6990 Graphics

Get Radeon™ In Your System.

- **Second-generation DirectX® 11 technology: stunning graphics**
- **AMD Eyefinity technology: gaming and productivity on up to six displays²**
- **AMD EyeSpeed technology: fast applications and incredible video⁶**

AMD Radeon™ HD 6990 Graphics:
The fastest chip in the world

- Harnessing the incredible power dual GPUs, each with AMD's second-generation DirectX® 11-capable technology, the AMD Radeon™ HD 6990 is quite simply the fastest graphics card in the world.¹
- Featuring 4GB of high-speed GDDR5 memory, the AMD Radeon™ HD 6990 is the definitive solution for ultra-high resolution gaming across up to six simultaneous displays.²
- Higher clocks. Faster gaming. Devastatingly intelligent power management. That's AMD PowerTune technology on the AMD Radeon™ HD 6990.³
- Break barriers. Crush records. Flip the Unlocking Switch and take your AMD Radeon™ HD 6990 beyond the bleeding edge.⁴
- Designed for 450W of DirectX® 11 potential. From cooling to capacitors, the AMD Radeon™ HD 6990 is precision engineered for an unprecedented performance envelope.



Note: Actual product form may vary.



Up to six displays supported with DisplayPort 1.2 Multi-Stream Transport components¹

Product Specifications

AMD Radeon™ HD 6990 Graphics	
Stream Processing Units	3072
Microsoft® DirectX® Support	DirectX® 11
BIOS1 (Default)	Engine Clock – Up to 830MHz Compute Power – 5.1 TFLOPs (SP) / 1.27 TFLOPs (DP)
BIOS2 (Overclocked)	Engine Clock – Up to 880MHz Compute Power – 5.4 TFLOPs (SP) / 1.37 TFLOPs (DP)
Memory	4GB
Memory Type	256-bit GDDR5
Memory Clock	1250MHz (5.0 Gbps GDDR5)
Memory Bandwidth (maximum)	320 GB/s
Graphics Bus Technology	PCI Express® 2.1 x16
Resolution (maximum)	2560x1600 (Single Display)
Max Displays	5 Native (6 with DisplayPort 1.2 MST)
Form Factor	Double Slot
Power Supply Recommended	750W

AMD Radeon™ HD 6000 Series Graphics – Ideal for Enthusiasts

- **AMD is the DirectX® 11 GPU Leader**
 - DirectX® 11 stack top-to-bottom
 - Five second-generation DirectX® 11 products and counting
 - More than 25 Million DirectX® 11 GPUs shipped⁵
- **Leading in Innovations – AMD Eyefinity Technology**
 - Hundreds of AMD Eyefinity-compatible games
 - 3-6 displays on a single card²
 - Building the AMD Eyefinity Ecosystem – more flexibility and choice
- **Leading Performance and Efficiency**
 - AMD Radeon™ HD 6990 is the fastest graphics card in the world¹
 - AMD's most efficient DirectX® 11 GPUs in the market

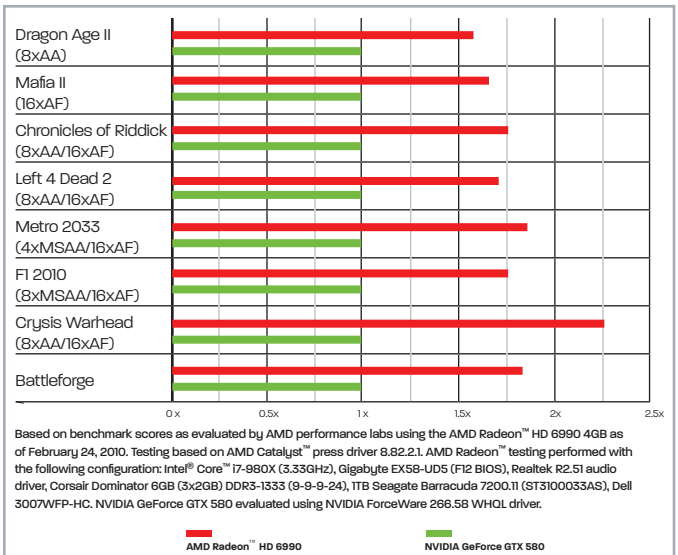
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Additional hardware (e.g. Blu-ray drive, HD or 10-bit monitor, TV tuner) and/or software (e.g. multimedia applications) are required for the full enablement of some features. Not all features may be supported on all components or systems - check with your component or system manufacturer for specific model capabilities and supported technologies.

- As of February 20, 2011, the AMD Radeon™ HD 6990 scores in excess of X3300 in 3DMark® 11, the highest single graphics card score achieved to date.
- AMD Eyefinity technology works with games that support non-standard aspect ratios, which is required for panning across multiple displays. To enable more than two displays, additional panels with native DisplayPort™ connectors, and/or DisplayPort™ compliant active adapters to convert your monitor's native input to your card's DisplayPort™ or Mini-DisplayPort™ connector(s), are required. Support for six simultaneous displays may require complementary products compatible with DisplayPort 1.2 Multi-Stream Transport. Maximum number of configured displays may vary - check with your component or system manufacturer for specific model capabilities and supported technologies. SLS ("Single Large Surface") functionality requires an identical display resolution on all configured displays.
- AMD PowerTune technology is an intelligent power management technology native to certain AMD Radeon™ HD GPUs. Not all products feature AMD PowerTune technology.
- AMD's product warranty does not cover damages caused by overclocking, even when overclocking is enabled via AMD software.
- Based on AMD internal data.
- AMD EyeSpeed technology is a set of technologies designed to improve video quality and enhance application performance. Full enablement of some features requires support for AMD Accelerated Parallel Processing (APP) technology and/or AMD's Universal Video Decoder (UVD). AMD Accelerated Parallel Processing technology works with applications designed to take advantage of its GPU acceleration capabilities. Not all products have all features and full enablement of some capabilities and may require complementary products.

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Performance Results at 2560x1600



Benchmark System Configuration

CPU	Intel® Core™ i7-980X (3.33GHz)
Motherboard	Gigabyte EX58-UD5 (F12 BIOS)
RAM	Corsair Dominator 6GB (3x2GB) DDR3-1333 (9-9-9-24)
OS	Windows® 7 64-bit
Video Card	AMD Radeon™ HD 6990
Driver	AMD Radeon™ HD 6990 Press Driver (8.82.2.1)
Competitor Video Card	NVIDIA GeForce GTX 580
Competitor Driver	NVIDIA ForceWare 266.58 WHQL

