ATI FirePro™ 7750
Workstation Graphics Accelerator
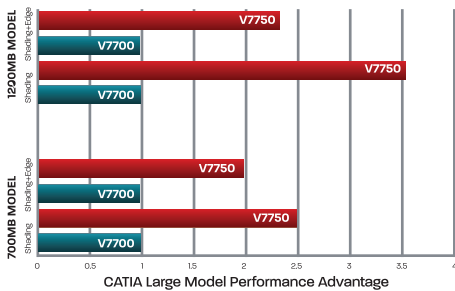
Accelerate the Wonder

→ **Twice the memory over the prior generation***

→ **True 30-bit display pipeline****
  (10-bit per RGB)

→ **Low power consumption**

→ **Single card slot solution**

* Compared with ATI FireGL™ V7600
** Requires 30-bit monitor for true 30-bit color display

CATIA Large Model Performance Advantage

Accelerate the Wonder

Introducing the ATI FirePro™ V7750 workstation graphic accelerator from AMD. Whether for engineering, digital content creation, or scientific modeling, the ATI FirePro™ V7750 workstation graphic accelerator is highly reliable and loaded with visionary innovations that give you extreme productivity.

Application Performance Leadership

Based on a new-generation GPU with 320 unified shader units, the unique ultra-parallel processing architecture of the ATI FirePro™ V7750 workstation graphic accelerator allows for intelligent management of computational resources to automatically direct horsepower where needed. The end result is a processing experience that means that you can enjoy superior shader performance or considerable improvement in modelling performance for your 3D creation.

Assurance of Reliability

ATI FirePro™ workstation graphic accelerators support the standards that matter, like Microsoft® DirectX® 10.1, OpenGL 3.0, and Full Shader Model 4.1. Now you can enjoy great performance, scalability, and reliability on the latest standards.
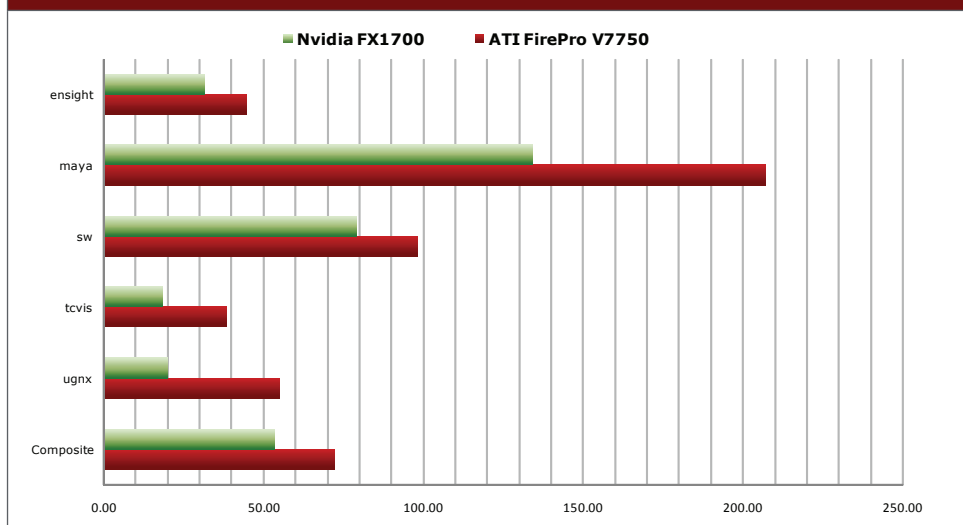
Visionary Innovation

ATI FirePro™ workstation graphic accelerators also feature AutoDetect technology—which automatically identifies when you've switched to a new application. As such, your system can automatically update driver settings to configure them for ideal performance on the new application—helping you get maximum productivity for the exact application you're using at the moment.

Finally, ATI FirePro™ workstation graphic accelerators also offer a full 30-bit display pipeline, which means you can enjoy more than 1 billion colors[1]. Plus, with native multi-card support, you can use up to four displays being driven by two ATI FirePro products in the same workstation.
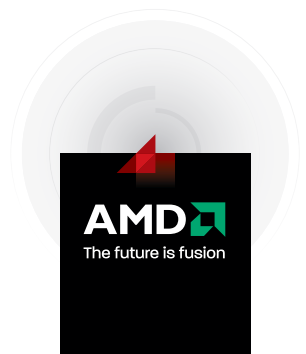
How can ATI FirePro™ workstation graphic accelerators give your designs an edge? They let you focus on creating, not waiting.

[1] 30-bit monitor required for full 30-bit display (10-bit per RBG component). ATI FirePro™ 3D graphics card can display over one billion colors when attached to 30-bit displays.

ATI FirePro™ *Performance Data Comparisons*

Average of all eight SPECviewPerf 10 tests using Nvidia published scores. http://nvidia.com/object/io_11761.html

AMD
The future is fusion

ATI FirePro™ 7750
Workstation Graphics Accelerator

Power and speed to take your project as far as your imagination can go

With 1GB of dedicated on-board memory, 320 unified shader units, and up to 3.5x performance gain over the prior generation*, ATI FirePro™ V7750 gives you the power and speed to take your project as far as your imagination can go. Now you can relish the fact that your complex design is that much better, that much more efficient, and that much more advanced as a result.

* large CAD and DCC models

ATI FirePro™ Product Comparison	ATI FirePro™ V3700	ATI FirePro™ V3750	ATI FirePro™ V5700	ATI FirePro™ V7750	ATI FirePro™ V8700
Graphic Processing Unit					
Shader Processing Units	40	320	320	320	800
Full 30-bit Display Pipeline	✓	✓	✓	✓	✓
Stream Computing	✓	✓	✓	✓	✓
Memory					
Configuration	256MB	256MB	512MB	1GB	1GB
Bandwidth (GB/sec)	15.2	22.4	28.8	28.8	108.8
Display Capabilities					
Color Depth	8, 10, 16-bit	8, 10, 16-bit	8, 10, 16-bit	8, 10, 16-bit	8, 10, 16-bit
Dual Link DVI Connectors	2	1	1	1	1
DisplayPort Output	-	2	2	2	2
HD Component Video Output	-	-	1	1	1
Stereo 3D Output	-	-	-	-	1
Maximum Display Port Resolution	-	2560x 1600	2560x 1600	2560x 1600	2560x 1600
Maximum Dual-Link Resolution	2560x 1600	2560x 1600	2560x 1600	2560x 1600	2560x 1600
Maximum Single Link Resolution	1920x 1200	1920x 1200	1920x 1200	1920x 1200	1920x 1200

ATI FirePro™ V5700

ATI FirePro™ V7750

ATI FirePro™ V8700

Sample Applications	GOOD	BETTER	BEST
Autodesk 3ds Max	V5700	V7750	V8700
Autodesk Maya	V5700	V7750	V8700
Siemens UGNX	V5700	V7750	V8700
Dassault Systemēs CATIA	V5700	V7750	V8700

For more information, visit ati.amd.com/firepro

CERTIFIED FOR Windows Vista™

Designed for Microsoft® Windows®XP