ATI FireGL V3350
WORKSTATION GRAPHICS ACCELERATOR

- Powered by AMD's next generation FireGL™ graphics processor unit with Avivo™ Technology

- Scalable ultra-threaded architecture with 2 Parallel Geometry Engines and 4 Pixel Shader Processors

- Full Shader Model 3.0 support for vertex and pixel shaders

- 256MB DDR2 graphics memory

- High Dynamic Range (HDR) rendering with 8-bit, 10-bit & 16-bit per RGB color component support

- High fidelity display engine capable of producing over one billion colors

- Optimized and certified for CAD and DCC applications

- Direct access to AMD's dedicated workstation technical support team

CERTIFIED FOR
Windows
Vista™

ATI FireGL V3350 with

ATI AVIVO™

Industry's First Entry Level 256MB Workstation Graphics Accelerator

Introducing the ATI FireGL V3350 with Avivo Technology from AMD - entry-level graphics acceleration for 3D models, large data sets, and high quality textures. The FireGL V3350 delivers industry leading features and performance for demanding workstation users running OpenGL and DirectX based applications.

Next Generation Workstation Graphics - Power for Today and Tomorrow
Featuring full Shader Model 3.0 support and a scalable ultra-threaded architecture with true 128-bit floating point precision, 2 parallel geometry engines and 4 pixel shader processors, ATI FireGL V3350 provides the graphics horsepower for today's professional applications and tomorrow's technology innovations. It's no wonder that animators, engineers and medical professionals rely on ATI FireGL workstation accelerators with Avivo Technology for better performance, higher image quality and superior value.

Unprecedented Visual Fidelity with ATI Avivo Technology
Designed with a 10-bit display pipeline and High Dynamic Range (HDR) 16-bit per RGB color component display capability, ATI FireGL workstation graphics accelerators with Avivo Technology can produce over one trillion colors for the most vibrant visual fidelity.

World Class Performance, Reliability, and Support
ATI FireGL workstation graphics accelerators are thoroughly tested and certified with all major Computer Aided Design (CAD) and Digital Content Creation (DCC) applications to ensure optimized performance and compatibility. FireGL unified drivers reduce total cost of ownership by simplifying system administration and maintenance. AMD offers direct customer access to a dedicated workstation technical support team.

FIREGL V3350 PRODUCT OVERVIEW

Overview
- Powered by advanced ATI FireGL™ Graphics Processor Unit (GPU) with Avivo™ Technology
- Scalable ultra-threaded architecture with fast dynamic branching and high performance parallel processing
- 2 parallel geometry engines and 4 pixel shader processors
- Full Shader Model 3.0 support
- 256MB DDR2 graphics memory
- 128-bit full floating point precision
- Native high bandwidth PCI Express x16 lane support

ATI Avivo™ Technology
- 16-bit per RGB color component High Dynamic Range (HDR) output capable of over one trillion colors
- Full 10-bit display pipeline
- Advanced support for 8-bit, 10-bit, and 16-bit per RGB color component

System Requirements
- PCI Express® based workstation with available x16 lane graphics slot
- 350-Watt power supply or greater (assumes fully loaded system)
- 512MB of system memory
- Installation software requires CD-ROM drive

Display Capabilities
- Dual DVI-I outputs support any combination of digital and analog displays
- Independent multi-monitor resolution and refresh rate selection
- Ideal for multi-monitor configurations
- Dual VGA analog support [1]

ATI Warranty and Support
- Enterprise class support
- Three year limited product repair/replacement warranty
- Direct toll free phone and email access to dedicated workstation technical support team [2]

API and OS Support
- OpenGL® 2.0 with OpenGL Shading Language
- Microsoft® DirectX® 9.0 with DX9 HLSL
- Windows® XP, Windows XP64 and Windows 2000
- Linux® 32 and Linux 64 [3]
- Windows Vista™ Certified

WORKSTATION MARKETS AND CERTIFICATIONS

Computer Aided Design
- Computer Aided Design (CAD)
- Architecture / Engineering / Construction (AEC)
- Medical Imaging
- Computational Fluid Dynamics
- Visual Simulation
- GIS / Mapping
- Oil & Gas

Certifications
- ABAQUS®
- Altair® Engineering Hyperworks®
- ANSYS Workbench™
- Autodesk® AutoCAD®, Inventor®, VIZ and Architectural Desktop
- Autodesk® AliasStudio™
- Bentley MicroStation®
- Co|Create® OneSpace Designer Modeling
- Dassault Systemes CATIA®, ENOVIA® and SolidWorks®
- DELCAM™ PowerSHAPE™
- ESRI ArcGIS™
- ICEM® Surf
- MSC.Software® MSC.Patran® and MSC.Nastran™
- Nemetschek Allplan
- PTC® Pro/CONCEPT™ and Pro/ENGINEER® Wildfire™
- Schlumberger Petrel
- UGS I-deas® NX, UGS NX, Solid Edge™ and Teamcenter Visualization

Digital Content Creation
- Game Development
- Cinematic Visual Effects
- Broadcast and Film Animation
- Virtual Set Design
- Compositing
- Digital Editing and Publishing

Certifications
- Adobe® After Effects®
- Adobe® Audition®
- Adobe® Encore™ DVD
- Adobe® Premiere® Pro
- Adobe® PhotoShop® CS
- Autodesk® Maya®
- Autodesk® MotionBuilder
- Autodesk® 3ds Max®
- Autodesk® Combustion®
- Avid SOFTIMAGE® | XSI® and Avid Xpress Pro
- Maxon Cinema 4D
- Maxon BodyPaint 3D
- NewTek LightWave 3D®
- SensAble Technologies ClayTools™
- SensAble Technologies FreeForm® Concept™
- SensAble Technologies FreeForm® Modeling Plus™
- Side Effects Software™ Houdini™

ATI FireGL™ Workstation Graphics Accelerators with Avivo Technology

	MEMORY			GRAPHICS PROCESSING UNIT						AVIVO™ TECHNOLOGY			DISPLAY CAPABILITIES			
	Memory Configuration	Ring Bus Memory Controller Interface	Memory Bandwidth (GB Per Second)	Ultra Threaded Architecture	Parallel Geometry Engines	Vertices Per Second	Pixel Shader Processors	Pixel Operations Per Second	Full Shader Model 3.0 Support	Full 10-bit Display Pipeline	High Dynamic Range Rendering Support	Per Pixel Color Component Output	Display Output Connectors	Dual Link Outputs	HD Component Video Output	Stereoscopic 3D Output
FireGL V3300	128MB	–	6.4	✔	2	300M	4	2.4G	✔	✔	✔	8, 10, 16-bit	2 DVI-I			
FireGL V3350	256MB	–	6.4	✔	2	300M	4	2.4G	✔	✔	✔	8, 10, 16-bit	2 DVI-I			
FireGL V3400	128MB	256-bit	16.0	✔	5	625M	12	6.0G	✔	✔	✔	8, 10, 16-bit	2 DVI-I	1	✔	
FireGL V5200	256MB	256-bit	22.4	✔	5	750M	12	7.2G	✔	✔	✔	8, 10, 16-bit	2 DVI-I	2	✔	
FireGL V7200	256MB	512-bit	41.6	✔	8	1200M	16	9.6G	✔	✔	✔	8, 10, 16-bit	2 DVI-I	2	✔	✔
FireGL V7300	512MB	512-bit	41.6	✔	8	1200M	16	9.6G	✔	✔	✔	8, 10, 16-bit	2 DVI-I	2	✔	✔
FireGL V7350	1GB	512-bit	41.6	✔	8	1200M	16	9.6G	✔	✔	✔	8, 10, 16-bit	2 DVI-I	2	✔	✔

For additional information, visit ati.amd.com/firegl

[1] VGA output supported through DVI-I to VGA adapters included with product
[2] Toll free hotline available in North America
[3] Linux drivers can be downloaded from ati.amd.com/firegl