

Gainward Rampage700 2048MB “Golden Sample™” Goes Like Hell



GPU	Core	Memory	Capacity	Type	Outputs
Dual RV770	790 MHz	3800 MHz	2GB	DDR5 / 512 bits	DisplayPort, DVI, HDMI, VGA

PRODUCT SPECIFICATIONS

CHIPSET SPECIFICATIONS

BUNDLED ACCESSORIES

• Superior Hardware Design

- **Gainward's** award winning High-Performance/Wide-Bandwidth™ hardware design powered by Dual ATI's Radeon® **RV770** GPU integrating **2GB/512bits high-speed DDR5 (dual 1GB/256bits)** memory which offers enhanced, leading-edge performance for the 3D enthusiasts.
- **790MHz** core clock, **DDR5 950 (DDR 3800) MHz** memory clock.
- High performance three-slot cooling fan.
- Provides **DisplayPort**, **DVI** (Dual-link DVI, support up to 2560x1600), **HDMI** and **VGA (D-sub 15)** connectors.
- Provides **HDMI** functionality up to 1080p resolution.
- Supports two monitors simultaneously, enabled by ATI's Multi-Display Technology for office applications, 3D gaming and professional applications, animation or video editing. It allows end-users to select any combination of display configurations, within DisplayPort, DVI, HDMI and VGA.
- **ATI Catalyst™ Software Suite** provides a full software solution for supported OS and delivers improved performance, certified stability, unmatched visual quality, innovative and exciting features that enables users to quickly setup and configure the graphics product.

- **Dual ATI RV770:** With two ATI's powerful new TeraScale graphics engine features deliver high resolution and fast frame rates.
- **Unified Superscalar Shader Architecture:** with **1600** stream processing units support for dynamic load balancing and resource allocation for vertex, geometry and pixel shaders.
- **Microsoft DirectX 10.1 support**
 - Shader Model 4.1
 - 32-bit floating point texture filtering
 - Indexed cube map arrays
 - Independent blend modes per render target
 - Pixel coverage sample masking
 - Read/write multi-sample surfaces with shaders
 - Gather4 texture fetching
- **Anti-Aliasing Features:**
 - Multi-sample anti-aliasing (2, 4 or 8 samples per pixel)
 - Up to 24x custom filter anti-aliasing (CFAA) for improved quality
 - Adaptive super-sampling and multi-sampling
 - Temporal anti-aliasing
 - Gamma correct
 - Super AA (ATI Crossfire configuration only)
- **Texture Filtering Features:**
 - 2x/4x/8x/16x high quality adaptive anisotropic filtering modes (up to 128 taps per pixel)

- Gainward ATI Quick Start Manual



- Driver CD and Application S/W

Driver for Windows XP/2000/XP 64



CyberLink DVD Solution



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- Easy Plug-and-Play **AUTORUN** installation from CD-ROM.
- **ATI's CrossFireX™ Technology:** ATI's CrossFireX™ technology enables four discrete graphics processors to work together to improve system performance. The must-have feature for performance PCI Express graphics, CrossFireX™ technology dramatically scales performance on today's hottest games.
- **PCI Express 2.0 Support:** Designed to run perfectly with the new PCI Express 2.0 bus architecture, offering a future-proofing bridge to tomorrow's most bandwidth-hungry games and 3D applications by maximizing the 16 GB/s PCI Express 2.0 bandwidth (twice that of first generation PCI Express).

- 128-bit floating point HDR texture filtering
- Bicubic filtering
- sRGB filtering (gamma/degamma)
- Percentage Closer Filtering (PCF)
- Depth & stencil texture (DST) format support
- Shared exponent HDR (RGBE 9:9:9:5) texture format support

• Avivo™ HD Video and Display Platform

- Dedicated unified video decoder 2 (UVD2) for H.264/AVC and VC-1 video formats
- ATI Avivo Video Post Processor
- Two independent display controllers
- HDMI output support
- Hardware MPEG-1, MPEG-2, and DivX video decode acceleration
- On-chip HDCP
- Seamless integration of pixel shaders with video in real time
- VGA mode support on all display outputs

• ATI PowerPlay™ technology

- Advanced power management technology for optimal performance and power savings
- Performance-on-Demand
- Central thermal management – on-chip sensor monitors GPU temperature and triggers thermal actions as required

- Cables and Accessories

8-pin to 6-pin power cable



Composite and CrossFire cable

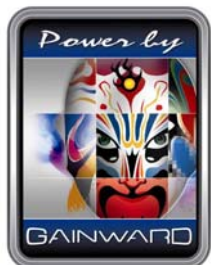


HDMI to DVI converter

(to provide another DVI port through HDMI)



Note: Gainward's bundle items are subject to change. Please refer to your local Gainward dealer for more information, or the description in the regional product package



SYSTEM REQUIREMENTS

- Intel Core2Duo series, AMD Athlon 64 X2 series or above CPU
- A minimum of 2GB system memory
- A minimum 650W system power supply with one 6-pin power and one 8-pin power connectors available.
- DVD-ROM drive
- Requires a PCI Express or PCI Express 2.0 compliant motherboard
- Requires an available PCI Express x16 slot
- Windows Vista/XP/2000/XP 64

API SUPPORT

- DirectX 10.1/9.0c in hardware
- OpenGL 2.0 support

OS SUPPORT

- Windows Vista/XP/2000/XP 64

BAR CODE

- Large Box: 471846200-9856

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Gainward Europe GmbH | www.gainward.net | Tel. +49-89 89 899 0
Lochhamer Straße 29, D-821 52, Martinsried, Germany