

# VisionTek Radeon HD7750 2GB Eyefinity6 GDDR5 PCIe Productivity Graphics Card

The AMD Radeon HD7870 2GB Eyefinity6 GDDR5 PCIe graphics card is the upgrade power users deserve.

Based on the award-winning GCN Architecture, these cards are engineered for supremacy with the industry's very first 28nm GPU design. Packed with incredible features, such as support for PCI Express 3.0, the ultra-efficient AMD ZeroCore Power technology, and AMD Eyefinity6 technology, serious productivity starts here.

Equipped with the latest technologies, power users should never settle for anything less.

Engineered to be the world's most advanced graphics cards the AMD Radeon HD7870 2GB Eyefinity6 GDDR5 PCIe GPU features the award-winning GCN Architecture for spectacular performance and efficiency. Engineered to enable an exceptional DirectX® 11 experience, users can enjoy an incredibly immersive HD gaming/computing experience with ATI Eyefinity Technology.<sup>2</sup> This revolutionary multi-display technology allows you to expand your visual real estate across up to 6 displays with innovative wrap-around capabilities to maximize their field of view with incredible sharpness and clarity.

- Drive up to six displays simultaneously with independent resolutions, refresh rates, color controls, and video overlays.<sup>1,2</sup>
- Six active mini DisplayPort outputs provide maximum ATI Eyefinity technology support.<sup>1,2</sup>
- Combine multiple displays to behave like a single large display with display grouping.<sup>2</sup>
- New anisotropic filtering method and enhanced texture filtering precision.
- 2 GB of GDDR5 memory delivers more speed and higher bandwidths.
- Increase your performance up to 180% with ATI CrossFireX™ Technology in dual-mode.<sup>6</sup>
- Watch the hottest Blu-ray movies or other HD content beyond 1080p and enjoy a richer online video playback experience with enhanced Unified Video Decoder 2 (UVD 3) features.<sup>8,9,11</sup>

## Available Display Options

Display Port + Display Port + Display Port + Display Port + Display Port + Display Port

Single Link DVI + Display Port + Display Port + Display Port + Display Port + Display Port

Single Link DVI + Single Link DVI + Display Port + Display Port + Display Port + Display Port

HDMI + Display Port + Display Port + Display Port + Display Port + Display Port

HDMI + Single Link DVI + Display Port + Display Port + Display Port + Display Port



VisionTek Part: 900614

## Key Features

- 2GB GDDR5 memory
- ATI Eyefinity technology multi-display support for up to 6 displays<sup>1,3</sup>
- ATI Stream technology<sup>4</sup>
- Designed for DirectCompute 11 and OpenCL5
- Accelerated Video Transcoding (AVT)<sup>4,6</sup>
- Compliant with DirectX® 11 and earlier revisions
- Supports DirectX 11 and OpenGL 3.2
- ATI CrossFireX™ multi-GPU support for highly scalable performance<sup>7</sup>
- ATI Avivo™ HD video and display technology<sup>2,8</sup>
- Advanced dynamic power management with ATI PowerPlay™ technology<sup>8</sup>
- 6 mini DisplayPort connectors

## System Requirements

- PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard
- 300W (or greater) power supply recommended
- 400W power supply (or greater) recommended for AMD CrossFire™ technology in dual mode\*
- Minimum 1GB of system memory
- Installation software requires CD-ROM drive
- DVD playback requires DVD drive
- Blu-ray™ playback requires Blu-ray drive

## Included Accessories

- 4 Mini DisplayPort to DisplayPort Adapters
- 2 Mini DisplayPort-to-DVI (Single Link) Dongles
- Installation CD
- Quick Install Guide

\*Certified power supplies are recommended. Refer to <http://ati.amd.com/certifiedPSU> for a list of Certified products

**Notes:** <sup>1</sup>ATI Eyefinity technology can support up to 6 displays using a single enabled ATI Radeon™ graphics card with Windows Vista or Windows 7 operating systems - the number of displays may vary by board design and you should confirm exact specifications with the applicable manufacturer before purchase. ATI 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 certified DisplayPort™ adapters to convert your monitor's native input to your cards DisplayPort™ or Mini-DisplayPort™ connector(s), are required. Note: Six active mini DisplayPort outputs are required to achieve ATI Eyefinity technology support for up to six displays. <sup>2</sup>For maximum ATI Eyefinity support with ATI Radeon™ HD 7870 Eyefinity 6 Edition graphics and Windows 7, download the latest ATI Catalyst™ driver from [www.amd.com](http://www.amd.com). <sup>3</sup>Requires application support for ATI Stream technology. <sup>4</sup>OpenCL Driver support scheduled for release in 2010. <sup>5</sup>Windows 7-capable system required. <sup>6</sup>ATI CrossFireX™ technology requires an ATI CrossFireX Ready motherboard, an ATI CrossFireX™ Bridge Interconnect (for each additional graphics card) and may require a specialized power supply. <sup>7</sup>Digital rights management restrictions may apply. <sup>8</sup>Blu-ray drive / TV tuner required for PVR. <sup>9</sup>HD capable monitor required. <sup>10</sup>ATI PowerPlay™, ATI Avivo™ and ATI Stream are technology platforms that include a broad set of capabilities offered by certain ATI Radeon™ HD GPUs. Not all products have all features and full enablement of some capabilities and may require complementary products. <sup>11</sup>The ATI Radeon HD 6800 Series GPUs can upscale video display to 2560x1600 on three monitors with ATI Eyefinity technology which is almost six times the display resolution of 1080p display. <sup>12</sup>Requires Blu-ray movie disc supporting dual 1080p streams.

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Product may vary from above photos.

# VisionTek®

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