

VisionTek®

PRODUCTIVITY SERIES

Multi-Monitor 3D Graphics for Your PC

RADEON™ HD 7750 3M 4K UHD THREE MONITOR GRAPHICS CARD

A Small Form Factor or full height, single slot card featuring two HDMI and one mini DisplayPort interfaces.

VisionTek Part# 900686

Only a company with over two decades of cutting edge development in graphics cards can design a card that fits into any desktop PC, output 4K UHD to three displays in independent, clone, or extended mode via a single PC, and output three independent surround sound audio channels. Introducing the VisionTek 7750 3M 4K UHD Three Monitor card for retail, hospitality, commercial, healthcare settings and more.

Versatile: Whether you want to power three separate trade show exhibit screens, a convenience store POS display, or feed three individual monitors in separate rooms in your business office environment, the 7750 3M is ready to present your desired message or content from a single PC.

Fits Any PC Case: Whether you have a multi-bay tower or a low profile workstation, the 7750 3M offers flexible installation options. It comes with a short bracket mounted to immediately fit Small Form Factor PCs. A full height ATX bracket is included and easily converts the card for use with standard sized chassis. Now you can enjoy single slot, triple monitor capabilities with a SFF PC!

Three Simultaneous 4K Ultra HD Outputs: Experience what you've been missing even at 1080P! With simultaneous support for 4K UHD 3840 x 2160 on each output port, textures and other detail normally compressed for lower resolutions can now be shown in full pixels per inch of screen definition.

No Additional Power Supply Needed: Thanks to an energy efficient design, the 7750 3M requires only 65 watts of power so it can be run off the system power bus. With most systems featuring a factory-installed 300 watt or higher power supply, you don't have to purchase and install a larger power supply.

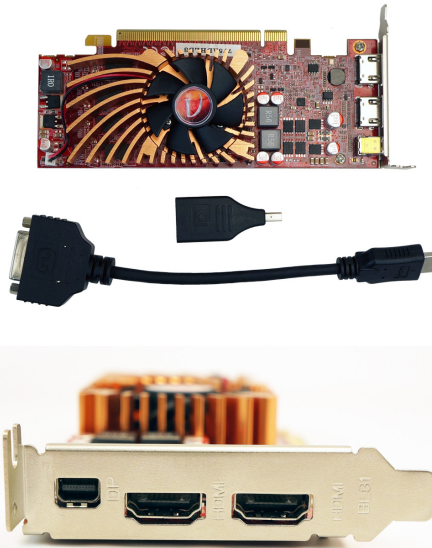
Three Independent Surround Sound Audio Channels: By incorporating Discrete Digital Multi-Point Audio technology into its chipset, the 7750 3M is able to deliver HD 7.1 surround sound independently to three displays via the three interfaces on the card. Gone is the need for multiple PCs and cards to provide audio to multiple displays. And, you don't need a 3.5mm mini-DIN cable to connect to the motherboard. This attention to detail to support business application use via the HDMI interface is unmatched by any other graphics card manufacturer.

Multi-HDMI Ready: If you need three HDMI interfaces, the VisionTek mini DisplayPort to HDMI 4K UHD Active Adapter (900691) is a Plug and Play solution for turning the 7750 3M into a multi-HDMI ready card.

AMD Eyefinity Multi-Display Technology: Up to 3x 4K x 2K HDMI's supported (One via mDP to 4K x 2K HDMI dongle). Independent resolutions, refresh rates, color controls, & video overlays. Display grouping- Combine multiple displays to behave like a single large display.

Two Cards = Six Monitors: By installing two 7750 3M cards in a single PC with two available PCIe slots, you can drive six monitors in a clone/extend or two Eyefinity mode configurations along with six independent audio channels. When you need unmatched display flexibility and the most effective solution for large video walls and interactive graphics displays, VisionTek is the innovation leader you can count on.

*Note: use of a HDMI to mDP adapter will not change refresh rate



SPECIFICATIONS

- **Graphics Engine:** Radeon HD 7750
- **Video Memory:** 2GB DDR3
- **Memory Interface:** 128-bit
- **DirectX® Support:** 11
- **CrossFireX Support:** Yes
- **Bus Standard:** PCI Express 3.0 x16
- **Core Speed:** 800MHz
- **Memory Speed:** 800MHz x2 (1600MHz Effective)
- **Display Output:** 2 x 4K UHD HDMI port @ per display output 3840 x 2160 resolution
- **Maximum Resolution:** 1 x mini DisplayPort 1.2
- Design for the 4K x 2K UHD HDMI's resolution (cinematic display)
- Independent 3* DDMA (Audio) for each HDMI video playback.
- 3840 x 2160 resolution @ UHD HDMI's Display with Audio. (No external Audio cable required)
- Eyefinity 3 x 1 or 1 x 3 mode configuration
- Independent resolution per output - Clone or Extend Mode in Landscape or Portrait supported.
- **Ports:** Two HDMI, One mini DisplayPort
- **Refresh Rates:** HDMI 30Hz, miniDP 60Hz*
- **Number of Monitors Supported:** Three
- **Warranty:** Three Years

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 (or greater) power supply recommended for AMD CrossFire™ technology in dual mode.
- Certified power supplies are recommended.
- Minimum 2GB of system memory.
- Installation software requires CD-ROM drive.
- DVD playback requires DVD drive.
- Blu-ray™ playback requires Blu-ray drive.

SUPPORTED OPERATING SYSTEMS

- Windows Vista, Windows 7, Windows 8 or newer required for DDMA multi audio support.
- All Versions of Windows XP: Limited to two monitor display and one audio output.