

VisionTek®

PRODUCTIVITY SERIES

Multi-Monitor 3D Graphics for Your PC

RADEON™ HD 7750 5M 4K UHD FIVE MONITOR GRAPHICS CARD

Full Height, single slot card featuring four HDMI and one mini DisplayPort interfaces.

VisionTek Part# 900690

Only a company with over two decades of cutting edge development in graphics cards can bring you the power to drive up to five displays in independent, clone, or extended mode via a single PC. The VisionTek 7750 5M 4K UHD Five Monitor card is the hassle-free, high-performance digital signage solution for retail, hospitality, commercial, healthcare, and more.

Versatile: Whether you want to power a convenience store display, a multi-monitor display wall in a public venue, or feed five individual displays in separate rooms in your business office environment, the 7750 5M is ready to present your desired message or content from a single PC.

No Additional Power Supply Needed: Thanks to an energy efficient design, the 7750 requires only 70 watts of power so it can be run off the system power bus. With most systems featuring a factory-installed 350 watt or higher power supply, you don't have to purchase and install a larger power supply.

High Speed Memory for High Performance: While consumer grade cards use common DDR3 memory, the 7750 5M uses 2GB of higher bandwidth GDDR5 memory to deliver lag-free content with the highest resolution possible.

Five Independent Surround Sound Audio Channels: By incorporating Discrete Digital Multi-Point Audio technology into its chipset, the 7750 5M is able to deliver HD 7.1 surround sound independently to five displays via the five 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.

Future Proof 8K Ready: Even though 4K UHD is an emerging technology, the 7750 5M was designed to take care of today's and tomorrow's needs. Whether you need 7680x4320 landscape or 3840x8640 portrait resolution, the 7750 5M is ready to deliver when you need it.

Two Cards = 10 Monitors: By installing two 7750 5M cards in a single PC with two available PCIe slots, you can drive 10 monitors in a clone/extend or two Eyefinity mode configurations along with 10 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.

Display Output:

- 4 x 4K UHD HDMI Ports (Active 3840 x 2160 per port) + 1 mini DisplayPort V1.2
- HDMI connectivity up to 10M tested.

Maximum Resolution:

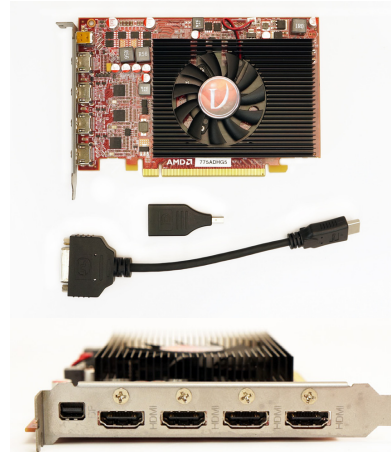
- 7680 x 4320 resolution (8K x 4K) (Landscape) (4* 3840 x 2160 UHD HDMI/monitors)
- 3840 x 8640 resolution (Portrait) (4* 3840 x 2160 UHD HDMI/monitors rotate)
- 19200 x 2160 resolution (Landscape) (5* 3840 x 2160 UHD HDMI/monitors)

Eyefinity 2x2 / 1x4 / 1x5 Mode:

- Independent 5 x Clone or Extend Mode in Landscape or Portrait resolution supported for each display configuration. DDMA supported.

Direct2Display5x Eyefinity (5x1) (1x5):

- AMD Eyefinity multi-display technology
- Up to 4 x 4K HDMI (UHD) + 1 Display Port displays supported (Total five active Displays up to 10M long connectivity)
- Independent resolutions, refresh rates, color controls, & video overlays
- Display grouping



SPECIFICATIONS

- Graphics Engine: Radeon HD 7750
- Video Memory: 2GB GDDR5
- Memory Interface: 128-bit
- DirectX® Support: 11
- CrossFireX Support: Yes
- Bus Standard: PCI Express 3.0 x16
- Core Speed: 800MHz
- Memory Speed: 1125MHz x4 (4.5Gb/s)
- Ports: Four HDMI, One mini DisplayPort
- Refresh Rates: HDMI 30Hz, miniDP 60Hz*
- Monitors Supported: 5
- Warranty: Three Years

SYSTEM REQUIREMENTS

- PCI Express® based PC is required with one x16 lane graphics slot available on the motherboard
- 350W (or greater) power supply recommended
- 450W power supply (or greater) 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.

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