AMD Radeon™ HD 7670 GPU Features Summary

- 800 MHz engine clock
- 512MB-1GB GDDR5 memory
- 1000 MHz memory clock (4.0 Gbps GDDR5)
- 64 GB/s memory bandwidth
- 768 GFLOPS Single Precision compute power
- TeraScale 2 Unified Processing Architecture
    - 480 Stream Processing Units
    - 24 Texture Units
    - 32 Z/Stencil ROP Units
    - 8 Color ROP Units
- 128-bit GDDR5 memory interface
- PCI Express 2.1 x16 bus interface
- DirectX® 11 support
    - Shader Model 5.0
    - DirectCompute 11
    - Programmable hardware tessellation unit
    - Accelerated multi-threading
    - HDR texture compression
    - Order-independent transparency
    - OpenGL 4.1 support
    - Image quality enhancement technology
        - Up to 24x multi-sample and super-sample anti-aliasing modes
        - Adaptive anti-aliasing
        - Morphological anti-aliasing (MLAA)
        - 16x angle independent anisotropic texture filtering
        - 128-bit floating point HDR rendering
- AMD Eyefinity multi-display technology[2]
    - Native support for up to 4 simultaneous displays
        - Up to 6 displays supported with DisplayPort 1.2 Multi-Stream Transport
    - Independent resolutions, refresh rates, color controls, and video overlays
    - Display grouping
        - Combine multiple displays to behave like a single large display
- AMD App Acceleration[1]
    - OpenCL 1.1
    - DirectCompute 11
    - Accelerated video encoding, transcoding, and upscaling
- AMD HD Media Accelerator
    - MPEG-4 AVC/H.264
    - VC-1
    - MPEG-2 (SD & HD)
    - Multi-View Codec (MVC)
    - MPEG-4 part 2 (DivX, xVid)
    - Adobe Flash
- Enhanced video quality features

- - - Advanced post-processing and scaling
    - Dynamic contrast enhancement and color correction
    - Brighter whites processing (blue stretch)
    - Independent video gamma control
    - Dynamic video range control
  - Dual-stream HD (1080p) playback support
  - DXVA 1.0 & 2.0 support
- AMD HD3D technology[3]
  - Stereoscopic 3D display/glasses support
  - Blu-ray 3D support
  - Stereoscopic 3D gaming
  - 3rd party Stereoscopic 3D middleware software support
- AMD CrossFire™ multi-GPU technology[5]
  - Dual GPU scaling
- Cutting-edge integrated display support
  - DisplayPort 1.2
    - Max resolution: 2560x1600 per display
    - Multi-Stream Transport
    - 21.6 Gbps bandwidth
    - High bit-rate audio
  - HDMI 1.4a with Stereoscopic 3D Frame Packing Format, Deep Color, xvYCC wide gamut support, and high bit-rate audio
    - Max resolution: 1920x1200
  - Dual-link DVI with HDCP
    - Max resolution: 2560x1600
  - VGA
    - Max resolution: 2048x1536
- Integrated HD audio controller
  - Output protected high bit rate 7.1 channel surround sound over HDMI or DisplayPort with no additional cables required
  - Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats
- AMD PowerPlay™ power management technology[4]
  - Dynamic power management with low power idle state
  - Ultra-low power state support for multi-GPU configurations
- AMD Catalyst™ software and HD video configuration software
  - Unified graphics display drivers
    - Certified for Windows 7, Windows Vista, and Windows XP
  - AMD Catalyst™ Control Center

Software application and user interface for setup, configuration, and accessing special features of AMD Radeon products