AMD Radeon™ HD 7470/HD 7450 GPU Features Summary

625-750 MHz engine clock
512MB-1GB DDR3/GDDR5 memory
533-800 MHz DDR3 (1.066-1.6 Gbps) or 800-900 MHz GDDR5 (3.2-3.6 Gbps) memory clock
8.5-12.8 GB/s (DDR3) or 25.6-28.8 GB/s (GDDR5) memory bandwidth
200-240 GFLOPS Single Precision compute power
TeraScale 2 Unified Processing Architecture
  160 Stream Processing Units
  8 Texture Units
  16 Z/Stencil ROP Units
  4 Color ROP Units
GDDR5/DDR3 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 12x 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
  Native support for up to 4 simultaneous displays
    Up to 4 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
  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
Mosquito noise reduction
Brighter whites processing (blue stretch)

Advanced color correction
Independent video gamma control
Flesh tone correction
Color vibrance control
Dynamic contrast
Dynamic video range control

Dual-stream 1080p playback support
DXVA 1.0 & 2.0 support

AMD HD3D technology³
Stereoscopic 3D display/glasses support
Blu-ray 3D support
Stereoscopic 3D gaming
3rd party Stereoscopic 3D middleware software support

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,
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

Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats

AMD PowerPlay™ power management technology⁴
Dynamic power management with low power idle state

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