



ATI Radeon HD5750, 1024MB GDDR5

Hersteller: PowerColor
Herstellerbez.: AX5750 IGBD5-H
Verpackung: Retail

Teilenummer: 25170207

Graphics Engine: RADEON HD5750
Video Memory: 1GB GDDR5
Engine Clock: 700 MHz
Memory Clock: 1150 MHz (4.6Gbps)
Memory Interface: 128bit
DirectX Support: 11
Bus Standard: PCIE 2.1

- 1.04 billion 40nm transistors
- TeraScale 2 Unified Processing Architecture
 - 720 Stream Processing Units
 - 36 Texture Units
 - 64 Z/Stencil ROP Units
 - 16 Z/Stencil ROP Units
- 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 3.2 support¹
- Image quality enhancement technology
 - Up to 24x multi-sample and super-sample anti-aliasing modes
 - Adaptive anti-aliasing
 - 16x angle independent anisotropic texture filtering
 - 128-bit floating point HDR rendering
- ATI Stream acceleration technology
 - OpenCL 1.0 compliant
 - DirectCompute 11
 - Accelerated video encoding, transcoding, and upscaling^{4,5}
 - Native support for common video encoding instructions
- ATI CrossFireX™ multi-GPU technology⁶
 - Dual GPU scaling



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- ATI Avivo HD Video & Display technology⁷
 - UVD 2 dedicated video playback accelerator
 - Advanced post-processing and scaling⁸
 - Dynamic contrast enhancement and color correction
 - Brighter whites processing (blue stretch)
 - Independent video gamma control
 - Dynamic video range control
 - Support for H.264, VC-1, and MPEG-2
 - Dual-stream 1080p playback support^{9,10}
 - DXVA 1.0 & 2.0 support
 - Integrated dual-link DVI output with HDCP¹¹
 - Max resolution: 2560x1600¹²
 - Integrated HDMI 1.3 output with Deep Color, xvYCC wide gamut support, and high bit-rate audio
 - Max resolution: 1920x1200¹²
 - Integrated VGA output
 - Max resolution: 2048x1536¹²
 - Integrated HD audio controller
 - Output protected high bit rate 7.1 channel surround sound over HDMI with no additional cables required
 - Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio format
- ATI PowerPlay™ power management technology⁷
 - Dynamic power management with low power idle state
 - Ultra-low power state support for multi-GPU configurations
- Certified drivers for Windows 7, Windows Vista, and Windows XP