



1 Overview

The AMD Media SDK is a software package with multimedia framework components and libraries that allow developers to leverage the AMD platform for multimedia processing.

The AMD Media SDK allows developers to use:

- Media Foundation Transforms (MFTs) for video encoding and decoding
- Video Quality (VQ) MFT for video pre- and post-processing
- AMF-DEM library for low-latency video capture and encode
- AMF library for video encoding, decoding, scaling and color conversion
- Optimized sample applications for targeted use cases

2 OS Support

AMD Media SDK v1.1 GA supports the following operating systems:

- Microsoft® Windows® 7 (32- and 64-bit)
- Microsoft® Windows® 8.1 (32- and 64-bit)

3 Device Support

AMD Media SDK v1.1 GA supports the following devices:

Family	Devices
Kaveri Desktop APU	A10-7850 , A10-7700
Kaveri Mobile APU	FX-7500
Kabini Mobile APU	E1-2100 , E1-2200 , E1-2500 , E2-3000 , E2-3800 , A4-5000 , A4-5100 , A6-5200
Temash Mobile APU	A4-1200 , A4-1250 , A4-1350 , A6-1450
Richland Mobile APU	A4-5150M , A6-5350M , A6-5357M , A8-5550M , A8-5557M , A10-5750M , A10-5757M , A4-5145M , A6-5345M , A8-5545M , A10-5745M
Richland Desktop APU	A4-4000 , A6-6300 , A6-6400 , A8-6500 , A8-6600 , A10-6700 , A10-6790 , A10-6800
Trinity Mobile APU	A4-4300M , A6-4400M , A8-4500M , A10-4600M , A4-4355M , A6-4455M , A8-4555M , A10-4655M

Trinity Desktop APU	A4-5300, A6-5400, A8-5500, A8-5600, A10-5700, A10-5800
Cape Verde Discrete GPU	HD 7730, 7750, 7770, R7 250x
Pitcairn Discrete GPU	HD 7850, 7870, R9 270x/270
Tahiti Discrete GPU	HD7950, 7970, R9 280x
Bonaire Discrete GPU	HD7790, R9 260x/260
Hawaii Discrete GPU	R9 290x/290
Tonga Discrete GPU	R9 285

4 Dependencies

AMD Media SDK v1.1 GA requires the following software components and tools:

- AMD Catalyst Driver version 14.12 Omega. The driver is available for download at: <http://support.amd.com/en-us/download>.
- Microsoft® Visual Studio® 2010 or later.

5 Known Issues and Limitations

- The VQ MFT is supported only on devices with Graphics Core Next (GCN) architecture.
- The DEM Screen Capture sample does not work on the APU + dGPU configuration when the monitor is connected to the APU.
- The H.264 encode MFT does not support interlaced video inputs.
- While encoding for 4K resolution on Tonga dGPU, artifacts are observed.

6 Support

Please post your questions and feedback on the Media SDK at: <http://devgurus.amd.com/community/media-sdk>.

Contact

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