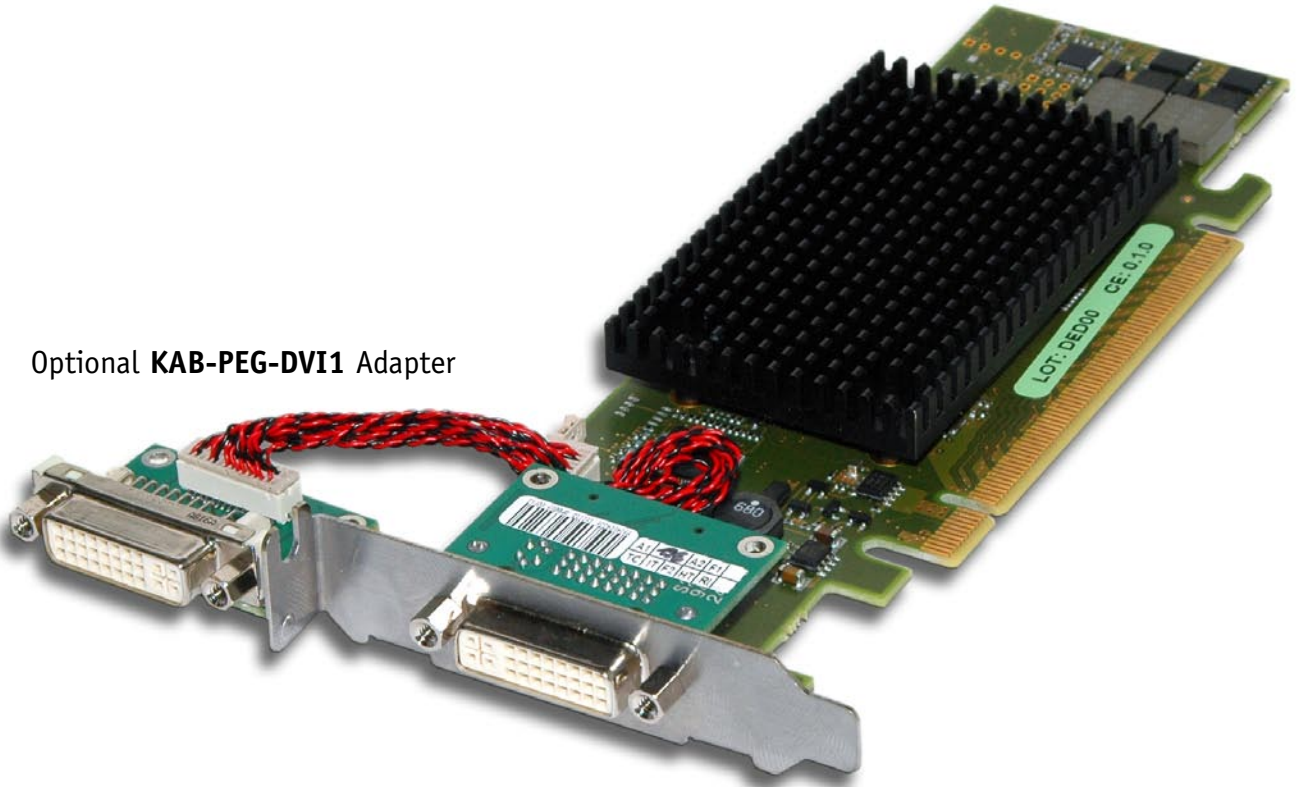




dFLAT-PEG-M72

Optional **KAB-PEG-DVI11** Adapter



- GPU AMD/ATI Radeon Mobility HD2400 (M72)
- 128 MB, 256 MB and 512 MB (coming soon) GDDR3 Video-Memory
- Native PCI Express Interface (scaleable x1, x2, x4, x8, x16)
- Extensive 3D and HD Video Hardware Acceleration
- Available Interfaces 2x CRT, 2x DVI, TV (opt.), LVDS (opt.)
- HDMI Support incl. HDCP and 5.1 Audio (opt.)
- Dedicated 32/64Bit Drivers for WinXP, Vista, LINUX

► Product Overview

The dFLAT-PEG-M72 is a high end PCI Express Graphics (PEG) Card built around the AMD/ATI Radeon Mobility HD2400 mobile GPU.

Beneath all standard display interfaces like CRT, DVI and TV-Out it also drives TFT panels through dual-channel 24-bit color depth LVDS interface directly. With its two independent display pipes it can be configured for almost any output configuration.

The Unified Video Decoder (UVD), accelerating H.264, VC-1 and Blu-Ray motion video, and the powerful 3D engine dramatically off-load the CPU. DirectX10, OpenGL2.0, and Shader Model 4.0 3D-Hardware acceleration are supported.

On the output side the unique Avivo Display System enables for highest quality display support at resolutions up to QXGA (2048 x 1536) incl. HDTV (1920 x 1080) and all Wide-Screen ratios.

Typical Applications:

e.g. industrial motherboards for gaming systems with 2D/3D-HW-acceleration and HD Video hardware playback or multimedia devices.

HDMI variants coming soon!

► Technical Information

Processor	
GPU AMD / ATI Radeon Mobility HD2400 (M72)	
Audio	
Digital 5.1 HD Audio via HDMI (opt.)	
Video memory	
128 MB, 256 MB and 512 MB GDDR3 (coming soon)	
Video I/O features	
Composite, S-Video, Component, TV-Out (opt.)	
Resolution	
CRT	2 x ports, up to QXGA (2048 x 1536) each
LCD	1 x single link DVI/HDMI, 1920 x 1200 incl. HDTV (1920 x 1080) and all Wide-Screen ratios. 1 x dual link LVDS, 2048 x 1536 (opt.)
Interfaces	
2 x CRT 2 x DVI, TV (opt.), LVDS (opt.) HDMI™ Support incl. HDCP and 5.1 Audio (opt.)	
PCI Express	
Native PCI Express Interface (scaleable x1, x2, x4, x8, x16)	
Operating System	
Dedicated 32 / 64Bit Drivers for Win dows® XP, Vista, LINUX	
Power Supply	
+3.3V DC +/- 5% +12.0V DC +/- 5% Fully PCI Express powered	
Power Consumption	
typ. 8 W, max. 15 W	
Temperature	
Operating: 0 °C to 60 °C (*) Storage: -40 °C to 85 °C	
Thermal gradient	
Operating: 25 °C per hour Non-operation: 40 °C per hour	

(*) The maximum operating temperature is the maximum measurable temperature on any spot on the modules surface. It is the user's responsibility to keep this temperature within the above specification.



Optional KAB-PEG-DVI1 Adapter

► Ordering Information

Article	Part.-No.	Description
dFLAT-PEG-M72 128 MB	22154-0128-00-0	dFLAT-PEG-M72 - High End PEG (PCI Express for Graphics) Card with 128 MB
dFLAT-PEG-M72 256 MB	22154-0256-00-0	dFLAT-PEG-M72 - High End PEG (PCI Express for Graphics) Card with 256 MB
KAB-PEG-DVI1	61041-0050-00-0	Adapter for DVI Output Connector
dFLAT-PEG-M72-COOLER1	22154-0000-99-0	Passive cooling solution for dFLAT-PEG-M72

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