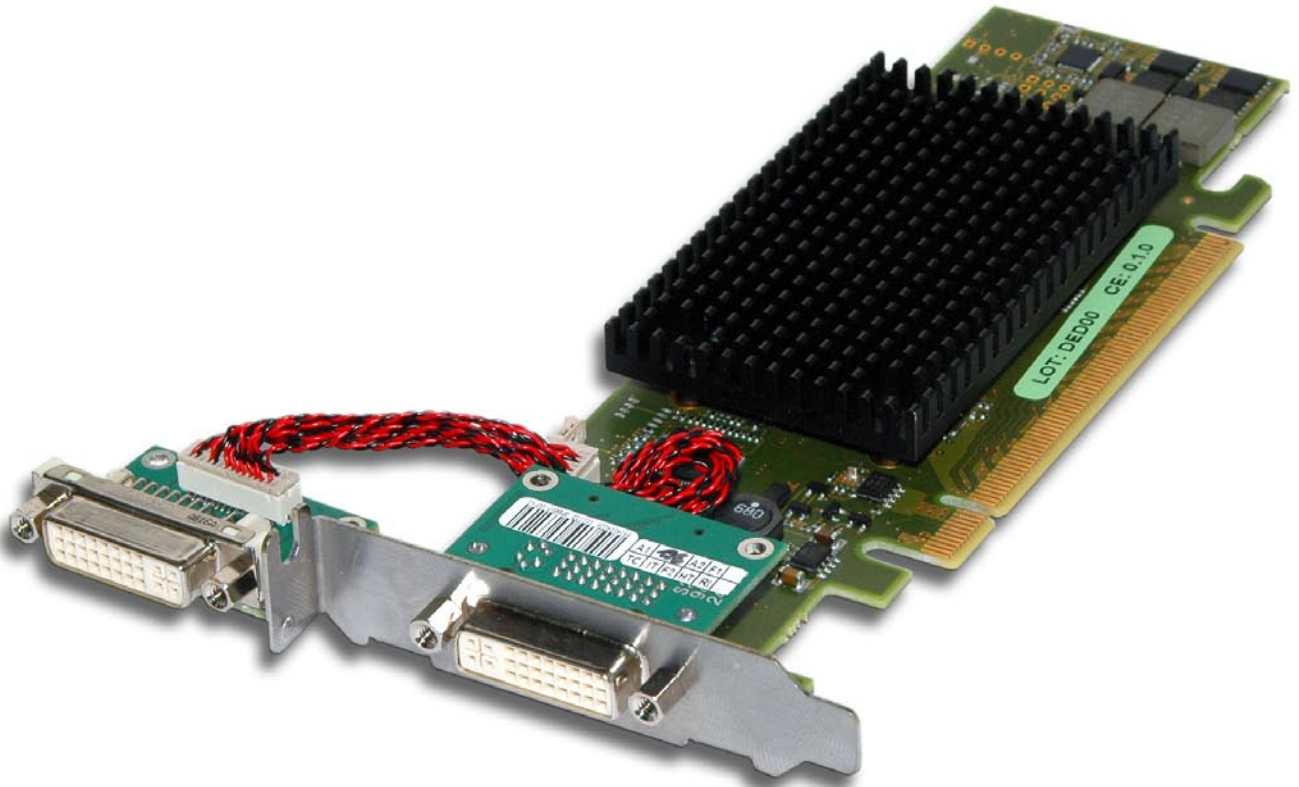




dFLAT-PEG-M72

High End PEG Card (PCI Express for Graphics)



Optional Accessories: 2 x KAB-PEG-DVI1 Adapter, 1 x Bracket, 1 x passive cooling solution (order separately)

- ▶ AMD/ATI Radeon Mobility HD2400 (M72)
- ▶ 128 and 256 MB GDDR3 V-Memory
- ▶ PCI Express (x1, x2, x4, x8, x16)
- ▶ 3D / HD video hardware acceleration
- ▶ 2 x CRT, 2x DVI and TV / LVDS (opt.)
- ▶ HDMI incl. HDCP and 5.1 Audio (opt.)

➤ 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.

Longterm available!



Optional KAB-PEG-DVI1 Adapter

➤ Technical Information

Processor	
GPU AMD / ATI Radeon Mobility HD2400 (M72)	
Audio	
Digital 5.1 HD Audio via HDMI (opt.)	
Video memory	
128 MB and 256 MB GDDR3	
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.

➤ 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
Bracket for dFlat-PEG-M72	22154-0000-01-3	Bracket for dFlat-PEG-M72, 1x DVI, low profile, with mounting plates

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