



ATI Embedded Comparison

	E2400	E4690
Graphics Processing Unit		
Max Frequency	600 MHz	600 MHz
Process Technology	65nm	55nm
CPU Interface	PCIe 1.1 (x1, x2, x4, x8, x16)	PCIe 2.0 (x1, x2, x4, x8, x16)
Shader Processing Units	40	320
AVIVO Display Engine	✓	✓
Full 30-bit Display Pipeline	✓	✓
DirectX	10	10.1
Shader Model	3.0	4.0
OpenGL	2.0	3.x
Stream Computing	✓	✓
Motion Video Decode	H.264, VC-1	H.264, VC-1, MPEG-2
Internal Thermal Sensor	✓	✓
Memory		
Max Frequency	700 MHz	700 MHz
Type	GDDR3	GDDR3
Configuration (on-chip)	128MB	512MB
Width	64 bit	128 bit
Display Interfaces*		
Analog RGB (triple 10 bit DAC, 400MHz)	2	2
Analog TV (YPbPr, Composite, SVideo)	1	1
DVI – Single Link	2	2
DVI – Dual Link	1	2
DisplayPort (v1.1a)		2
HDMI	1	1
Integrated HD Audio Controller (Azalia)	1	1
HDCP Keys	1	2
LVDS – Single or Dual Link, 18 or 24 bpp	1	1
DVO (12-bit DDR or 24-bit SDR/DDR)	1	1
Operating System Support		
Windows XP	✓	✓
Windows Vista	✓	✓
Windows 7	✓	✓
Linux (x86)	✓	✓

* Not all display interfaces can be used at the same time. All display outputs are independent timings. Display resolutions up to 3840x2400 per display output, provided available memory or interface bandwidth are not oversubscribed.

Contact your local AMD distributor for ordering information
OPN: 100-CG1820

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