

OpenGL hardware matrix

Extensions exposed by OpenGL implementations

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<u>NV shader buffer load</u>	V	V	V	V	V	X	X	X	X	X	X	X	X	X	X	X	
<u>NV shader atomic float</u>	X	X	X	V	V	X	X	X	X	X	X	X	X	X	X	X	
<u>NV multisample coverage</u>	V	V	V	V	V	X	X	X	X	X	X	X	X	X	X	X	
<u>NV explicit multisample</u>	V	V	V	V	V	V	V	V	V	V	V	V	X	X	X	X	
<u>NV copy image</u>	V	V	V	V	V	V	V	V	V	V	V	V	X	X	X	X	
<u>NV bindless texture</u>	X	X	X	X	V	X	X	X	X	X	X	X	X	X	X	X	
<u>NV bindless multi draw indirect</u>	X	X	X	V	V	X	X	X	X	X	X	X	X	X	X	X	
<u>NV blend equation advanced</u>	X	X	X	V	V	X	X	X	X	X	X	X	X	X	X	X	
<u>INTEL map texture</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	V	X	X	
<u>INTEL fragment shader ordering</u>	X	X	X	X	X	X	X	X	X	X	X	X	V	V	X	X	
<u>INTEL conservative rasterization</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	V	X	X	
<u>AMD vertex shader viewport index</u>	X	X	X	X	X	X	X	X	V	V	V	V	X	X	X	X	
<u>AMD vertex shader layer</u>	X	X	X	X	X	X	X	X	V	V	V	V	X	X	X	X	
<u>AMD transform feedback3 lines triangles</u>	X	X	X	X	X	X	X	X	X	V	V	V	X	X	X	X	
<u>AMD stencil operation extended</u>	X	X	X	X	X	X	X	X	X	X	V	V	X	X	X	X	
<u>AMD sparse texture</u>	X	X	X	X	X	X	X	X	X	X	V	V	X	X	X	X	
<u>AMD shader trinary minmax</u>	X	X	X	X	X	X	X	X	X	X	V	V	X	X	X	X	
<u>AMD seamless cubemap per texture</u>	X	X	X	X	V	X	X	V	V	V	V	V	X	X	X	X	
<u>AMD sample positions</u>	X	X	X	X	X	V	V	V	V	V	V	V	X	X	X	X	
<u>AMD query buffer object</u>	X	X	X	X	X	X	X	X	V	V	V	V	X	X	X	X	
<u>AMD pinned memory</u>	X	X	X	X	X	V	V	V	V	V	V	V	X	X	X	X	
<u>AMD_occlusion_query_event</u>	X	X	X	X	X	X	X	X	X	X	X	V	X	X	X	X	
<u>AMD blend minmax factor</u>	X	X	X	X	X	X	X	X	X	V	V	V	X	X	X	X	
<u>ATI texture mirror once</u>	V	V	V	V	V	V	V	V	V	V	V	V	X	X	X	V	
Support		36%	36%	36%	54%	62%	18%	18%	20%	32%	36%	46%	48%	14%	18%	2%	12%

OpenGL 4.4	G80	Tesla	GT21X	Fermi	Kepler	R600	RV670	RV700	EG	Cayman	S.I.	C.I.	IVB	HSW	Mesa	MacOS X
<u>ARB buffer storage</u>	X	X	X	V	V	X	X	X	X	X	X	X	X	X	X	X
<u>ARB clear texture</u>	X	X	X	V	V	X	X	X	V	V	V	V	X	X	X	X
<u>ARB enhanced layouts</u>	V	V	V	V	V	X	X	X	X	X	X	X	X	X	X	X
<u>ARB multi bind</u>	V	V	V	V	V	X	X	X	V	V	V	V	X	X	X	X
<u>ARB query buffer object</u>	X	X	X	V	V	X	X	X	V	V	V	V	X	X	X	X
<u>ARB texture mirror clamp to edge</u>	V	V	V	V	V	X	X	X	V	V	V	V	X	X	V	X

