

ATI FirePro 3D Graphics series

	Ultra High End	High End		Mid Range	Entry		
BOARD FEATURES	FirePro V9800	FirePro V8800	FirePro V7800	FirePro V5800	FirePro V4800	FirePro V3800	FirePro V3700
							
stream processors	1600	1600	1440	800	400	400	40
Engine Clock	850MHz	825MHz	700MHz	690MHz	775MHz	650MHz	800MHz
Bus Type	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16	PCI Express x16
Memory Configuration	4GB	2GB	2GB	1GB	1GB	512MB	256MB
Memory Interface	256bit	256bit	256bit	128bit	128bit	64bit	64bit
Memory bandwidth(GB/s)	147.2	147.2	128.0	64.0	57.6	14.4	15.2
Memory Type	GDDR5	GDDR5	GDDR5	GDDR5	GDDR5	DDR3	DDR3
High Performance Stream Computing	○	○	○	○	○	○	○
Full 10bit Display Pipeline	○	○	○	○	○	○	○
Per Pixel Color Component Output	8,10,16bit	8,10,16bit	8,10,16bit	8,10,16bit	8,10,16bit	8,10,16bit	8,10,16bit
Display Output Connectors	Mini DisplayPort x6	DisplayPort x4	DisplayPort x2 DVI-Ix1	DisplayPort x2 DVI-Ix1	DisplayPort x2 DVI-Ix1	DisplayPort x1 DVI-Ix1	Dual link DVIx2
Maximum outputs	6	4	3	3	3	2	2
Dual Link DVI Outputs	0	0	1	1	1	1	2
Stereo 3D Output(3pin DIN)	○	○	x	x	x	x	x
CrossFire Pro Support	○	○	○	○	○	x	x
Framelock/Genlock support	○	○	○	x	x	x	x
Required PCI slots	2	2	1	1	1	1	1
OpenGL supported	4.0	4.0	4.0	4.0	4.0	4.0	3.3
DX support/Shader model	11.0/5	11.0/5	11.0/5	11.0/5	11.0/5	11.0/5	10/4.0
OpenCL supported	1.0	1.0	1.0	1.0	1.0	1.0	—
Additional power connector	6pinx1,8pinx1	6pinx2	6pinx1	No	No	No	No
Max. Power diss.(Watt)	225W	208W	138W	74W	69W	43W	32W
Max Display Port resolution(@60Hz)	2560x1600	2560x1600	2560x1600	2560x1600	2560x1600	2560x1600	—
Max Dual Link resolution(@60Hz)	2560x1600	—	2560x1600	2560x1600	2560x1600	2560x1600	2560x1600
Max Single link DVI resolution(@60Hz)	1920x1200	1920x1200	1920x1200	1920x1200	1920x1200	1920x1200	1920x1200
Max VGA resolution(@75Hz)	—	—	1920x1440	1920x1440	1920x1440	1920x1440	1920x1440
Adapters included in box	•DVI-VGAX1	•DVI-VGAX1	•DVI-VGAX1	•DVI-VGAX1	•DVI-VGAX1	•DVI-VGAX1	•DVI-VGAX1
	•DisplayPort-sDVIx5	•DisplayPort-sDVIx2	•DisplayPort-sDVIx1	•DisplayPort-sDVIx1	•DisplayPort-sDVIx1	•DisplayPort-sDVIx1	
	•DisplayPort-dDVIx1						
	•CrossFire Cablex1	•CrossFire Cablex1	•CrossFire Cablex1	•CrossFire Cablex1			
3D APPLICATION PERFORMANCE							
catia-03							
ensight-04							
maya-03							
proe-05							
sw-03							