

XGI Volari™ Graphics Processor Series

	Enthusiast		High-End		Mainstream		Mobile	
Processor	XGI Volari Duo 		XGI Volari V8 Ultra 	XGI Volari V8 	XGI Volari V5 Ultra 	XGI Volari V5 	XGI Volari XP5 	
Processor Description	First dual DX9 graphics processor solution for extreme high-end 3D performance		For driving high-end 3D graphics and effects of next generation PC games	Ideal for extreme 2D/3D graphics and video demand	Optimal performance for desktop entertainment, educational and multimedia applications	Processor designed for mainstream graphic-intense applications on modern PCs	For high-performance graphics application for mobile computing	
	Powered by Volari V8 Ultra	Powered by Volari V5 Ultra						
Duo GPU	✓	✓	-	-	-	-	-	
AGP8X	✓	✓	✓	✓	✓	✓	✓	
Performance	Engine Clock	350MHz	350MHz	350MHz	300MHz	350MHz	300MHz	250MHz
	DDR2 Support		DDR2-500MHz	DDR2-500MHz	DDR2-450MHz	DDR2-500MHz	DDR2-450MHz	N/A
	DDR Support	DDR-375MHz+	DDR-375MHz+	DDR-375MHz+	DDR-325MHz	DDR-375MHz+	DDR-325MHz	DDR-250MHz
	Max. DRAM	512MB*	512MB*	256MB	256MB	256MB	256MB	128MB
	DirectX	9.0	9.0	9.0	9.0	9.0	9.0	8.1
	OpenGL	1.4	1.4	1.4	1.4	1.4	1.4	1.3
3D Engine	Pipeline	16	8	8	8	4	4	2
	Vertex Shader	4	4	2	2	2	2	1
	Pixel Shader	8	4	4	4	2	2	1
	Shader Ver.	2.0	2.0	2.0	2.0	2.0	2.0	1.3
	Video In	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Interface	Dual View	XV301	XV301	XV301	XV301	XV301	XV301	Triple-view
	Dual Digital	Duo XV301	Duo XV301	Duo XV301	Duo XV301	Duo XV301	Duo XV301	Triple-view
	DAC	400MHz	400MHz	400MHz	400MHz	400MHz	400MHz	-
	Memory Architecture	BroadBahn™	BroadBahn™	BroadBahn™	BroadBahn™	BroadBahn™	BroadBahn™	-
	Video Processor	Cipher™	Cipher™	Cipher™	Cipher™	Cipher™	Cipher™	3D Pro
Features	Navigator	✓	✓	✓	✓	✓	✓	N/A
	Hardware Rotate	Rotech™	Rotech™	Rotech™	Rotech™	Rotech™	Rotech™	N/A
	Unified Driver	Reactor™	Reactor™	Reactor™	Reactor™	Reactor™	Reactor™	N/A
Utility	ControlDeck™	ControlDeck™	ControlDeck™	ControlDeck™	ControlDeck™	ControlDeck™	ControlDeck™	N/A

*Total On-board Video DRAM



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