ELSA GLADIAC™ 511

Choose Your Graphics Solution

With the new *ELSA GLADIAC 511* product series, ELSA offers the low-priced entrance into the graphics boards technology with the Transform&Lighting unit. It is based on the proven NVIDIA GeForce2 MX 400 graphics processor and supplies an outstanding performance e.g. for PC games, presentations, office and Internet applications. The operating systems Windows 98, Windows 95, Windows NT 4,0, Windows 2000 and Windows Me are supported.

Five versions of the *GLADIAC 511* cover the most areas of application perfectly: With onboard TV-out interface for output of games, presentations or DVD movies on TV, video recorders or projectors. Or with additional VGA or DVI-I link for multiscreen solutions and the connection of modern digital monitors. In the PCI version the virtual AGP bus offers almost GeForce AGP performance. Ideal for the upgrading of older Pentium systems or PC with onboard graphics chips. Also multiscreen solutions can be implemented. A high-quality software package consisting of the DVD software player *ELSAmovie 2000*, Pro Rally 2001—a fascinating game and the roleplay game Ultima Online Renaissance is included in all retail versions.

ELSA GLADIAC 511 – an overview of the product family				
	Memory	**Bus system**	**Connectors**	**Article number**
ELSA GLADIAC 511TV-OUT	64 MB SDRAM	AGP 4x	1. VGA D-Shell 2. TV-out onboard (S-VHS)	60308 Retail Euro1 60371 Retail Euro2 60372 Bulk
ELSA GLADIAC 511TV-OUT	32 MB SDRAM	AGP 4x	1. VGA D-Shell 2. TV-out onboard (S-VHS)	60275 Retail Euro1 60276 Retail Euro2 60274 Bulk
ELSA GLADIAC 511TWIN	32 MB SDRAM	AGP 4x	1. VGA D-Shell 2. VGA D-Shell 3. TV-out onboard (S-VHS)	60377 Retail Euro1 60378 Retail Euro2 60379 Bulk
ELSA GLADIAC 511PCI	32 MB SDRAM	PCI	1. VGA D-Shell 2. VGA D-Shell 3. TV-out onboard (S-VHS)	60245 Retail Euro1 60246 Retail Euro2 60247 Bulk
ELSA GLADIAC 511DVI	32 MB SDRAM	AGP 4x	1. VGA D-Shell 2. DVI-I	60376 Bulk

Euro1: Packaging texts in German, English, French, Spanish
Euro2: Packaging texts in English, Italian, Dutch, Swedish

ELSA GLADIAC 511—Equipment	
Graphics processor	NVIDIA GeForce2 MX 400
RAMDAC/pixel cycle	350 MHz
Memory outfit	32/64 MB SDRAM
BIOS	VESA BIOS 3.0 support
Bus system	AGP 4x including fast writes and execute mode or PCI depending on the model
Graphics standards	DirectX8, Direct3D, DirectDraw, DirectShow; OpenGL® API; supports the 3D shutter glasses *ELSA 3D REVELATOR*
2D hardware features	256-bit 2D acceleration, optimized for 32, 16, and 8 bit color depths, hardware cursor in TrueColor, multi buffering (double, triple and quadruple for fluid movement and video playback)
3D hardware features	NVIDIA Schading Rasterizer (NSR) with two 3D pipelines and per pixel shading for unbelievably realistic representation; 2nd generation Transform&Lighting engine; 256-bit engine with HyperTexel architecture, optimized Direct3D and OpenGL acceleration, API accelerating, comprehensive DirectX8 support, 32-bit Z and stencil buffer, single pass multi texturing, anti-aliasing, high-quality texture filtering, inklusive Anisotropic Filtering; advanced per-pixel texturing for perspective correction, fog and depth cueing, texture, DVD/HDTV playback, extended motion compensation for full screen video playback in all DVD and HDTV resolutions, video accelleration for MPEG-1, MPEG-2 and Indeo
Standards	DPMS, DDC2B, plug&play
Connectors	Monitor: 1-2x VGA D-shell (15 pin) and DVI-I depending on model TV-out: S-VHS mini-DIN depending on model

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Resolution	Bildwiederholrate bei		
	256 colors (8 bit)	64K colors (16 bit)	16,7 Mio. colors (32 bit)
2048 x 1536	60 – 75	60 – 75	60 – 75
1900 x 1440	60 – 85	60 – 85	60 – 85
1600 x 1200	60 – 120	60 –120	60 – 100
1280 x 1024	60 – 170	60 –170	60 – 150
1024 x 768	60 – 200	60 –200	60 – 200
800 x 600	60 – 200	60 – 200	60 – 200
640 x 480	60 – 200	60 – 200	60 – 200
	The values specified here are maximum values which, under some operating conditions, may not always be achieved. Other graphics modes are easily configured in Windows.		
Operating systems	Windows® 98, Windows® 95, Windows NT® 4.0, Windows® 2000, Windows® Me		
Software	*ELSAmovie 2000*, Pro Rally 2001 (Ubi Soft), Ultima Online Renaissance (Electronic Arts)		
Documentation	Manual: German, English, French, Italian, Spanish and Swedish (on CD) Installation guide: German, English, French, Italian, Spanish, Dutch, Portuguese and Swedish (in print)		
Warranty	3 years		
Support	via hotline and Internet		