

SA6800L

2D/3D Graphics & Video Accelerator



Chipset

- NVIDIA GeForce 6800 LE

Memory

- 128MB DDR SDRAM

Interface

- 4X/ 8X AGP supports

Function

- VGA out (15-pin D-sub)
- TV-out (Mini Din 4pin S-Video connector)
- DVI-I (DVI-I connector)

High Quality Video Playback

- Dual 400MHz RAMDACs Blazing-fast RAMDACs support dual QXGA displays with ultra-high, ergonomic refresh rates—up to 2048x1536@85Hz.
- Integrated NTSC/PAL TV encoder support resolutions up to 1024x768 without the need for panning with built-in Macrovision copy protection
- DVD and HDTV-ready MPEG-2 decoding up to 1920x1080i resolutions
- Support for Single-link DVI for compatibility with next-generation flat panel displays with resolutions greater than 1600x1200 without the need for reduced blanking. Maximum single-link bandwidth: 165MHz

Chipset Features

- 0.13u process technology
- 256-bit advanced memory interface
- 256-bit graphics architecture
- 300 MHz engine clock
- 700 MHz memory clock
- 400 MHz internal RAMDAC
- 600 Million vertices/ sec
- 6.4 Billion texels/ sec fill rate
- 22.4 GB/sec memory bandwidth
- 12 pipeline engine technology
- Up to 16 textures per rendering pass
- NVIDIA CineFX 3.0 Engine
- NVIDIA ForceWare unified software environment (USE)
- NVIDIA High-Precision Dynamic-Range (HPDR) technology
- NVIDIA UltraShadow II technology
- NVIDIA Intellisample 3.0 technology (HCT)
- Digital Vibrance Control (DVC) 3.0
- NVIDIA nView multi-display technology
- Unified Driver Architecture (UDA)

Operation System and API Support

- Microsoft DirectX optimizations and support
- Full OpenGL 1.5 and lower support
- Complete support DirectX 9.0 Shader Model 3.0 and lower
- WHQL-certified Windows XP, 2000, ME, 98, 95

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Bundled Software

- WinDVD 6 Channel
- WinDVD Creator
- WinRip
- Adobe Photoshop Album 1.0
- Commandos3 (Full version)
- Game pack (5 in 1)

Accessories

- S-Video Cable (150cm)
- DVI-I to VGA Adapter
- Power Cable

Display Resolutions Support

Resolution	256 colors	65K colors	16.7million colors
	8 bit	16 bit	32 bit
640x480	60-200	60-200	60-200
800x600	60-200	60-200	60-200
1024x768	60-200	60-200	60-200
1280x1024	60-170	60-170	60-150
1600x1200	60-120	60-120	60-100
1900x1440	60-85	60-85	60-85
2048x1536	60-85	60-85	60-85



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Picture



NVIDIA.



PCB : 215.9 x 107.95 x 1.6 mm

Color Box : 38.5 x 25.8 x 7.5 cm

WinDVD 4

- Simple-to-use software DVD player combining all the features of a standard consumer DVD player with some very advanced functionality only possible on a software DVD player.



WinDVD Creator

- WinDVD Creator's storyboard interface makes the entire DVD-making process as easy as moving pictures around on your screen.
- **Four Easy Steps to make your DVD:** Capture, Edit, Author & Make Movie.



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WinRip


- WinRip lets you record, store, organize, and enjoy your music collection - on your PC, CD player, and portable player. WinRip's ID3 technology to add synchronized lyrics to your songs, then use the Karaoke and other DSP effects for a great party.




interVideo InterVideo(R) WinRip(R)
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 CD-related data through the Internet from the CDDB™ Music CD Database, (c) 1999, 2000 CDDB, Inc. CDDB Client Software, Copyright 1999, 2000 CDDB, Inc. CDDB-Enabled, CDDB, CDDB2 and the CDDB Logo are trademarks of CDDB, Inc. Disc Recognition Service and DRS are service marks of CDDB, Inc.

 MPEG Layer-3 audio coding technology licensed by Fraunhofer Institut Integrierte Schaltungen. <http://www.iis.fhg.de/audio>

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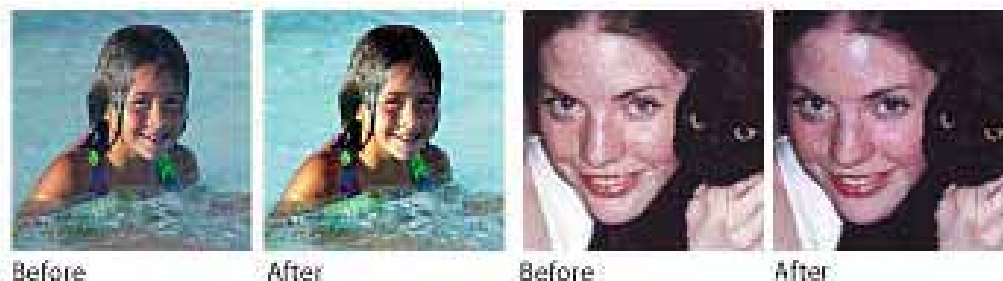
 CD/DVD recording software developed under license from Padus, Inc.

Adobe Photoshop Album 1.0

- Get photos from your digital camera with a single click, and easily grab photos from CDs, your scanner, and your computer.



- Improve photos with fast fixes: Fix basic photo problems with Single Click Fix. Photoshop Album makes it easy to remove red eye, adjust brightness, and make your photos look better.



- Create cards, calendars, and books: Put your own pictures and words into cards, calendars, and books for relatives and special friends.



Red Hot Bundled Game

- **Commandos3 (Full version)**



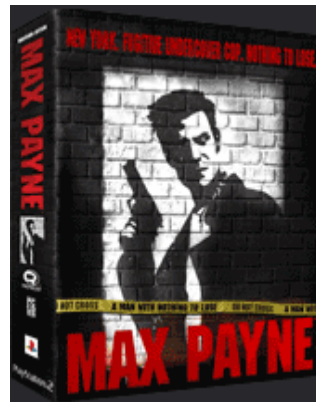
"Commandos 3: Destination Berlin is the third instalment in the legendary tactical strategy series from Pyro Studios. Prepare to take the Commandos on their deadliest mission yet as you venture deep into enemy territory across three extensive campaigns.

From the frozen ruins of Stalingrad through to the forests of central Europe and onto the beaches of Normandy, your men must use their skills to confound the enemy. These men are the best the Allies have – are you fit to lead them?"

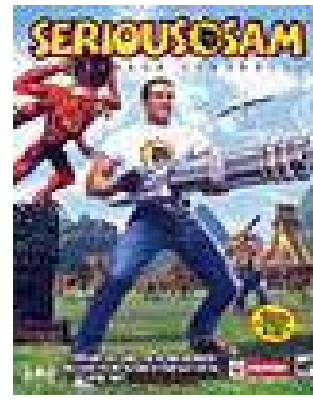
- **Game pack (5 in 1) : Try out 5 hottest games in the market**



Rally Trophy



Max Payne



Serious Sam 2



Tropico



Age of Wonders 2