



.....FX5200-TD128

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■ Product Features



■ Product Certificates



MS-8907



MS-8911

LARGE PICTURE



▶ Support Memory

128MB DDR SDRAM

▶ On-board Function

TV-out (S-Video connector)
DVI Connector



▶ GeforceFX 5200 Chipset Features

CineFX Shading Architecture

- Support for DX 9.0 Pixel/Vertex Shader 2.0+.
- Very long pixel programs up to 1024 instructions.
- Very long vertex programs with up to 256 static instructions and up to 65536 instructions executed before termination.
- Looping and subroutines with up to 256 loops per vertex program.
- Subroutines in shader programs.
- Dynamic flow control.
- Conditional write masking.
- Conditional execution.
- Procedural shading.
- Full instruction set for vertex and pixel programs.
- Z-correct bump-mapping.
- Hardware-accelerated shadow effects with shadow buffers.
- Two-sided stencil.
- Programmable matrix palette skinning.
- Keyframe animation.
- Custom lens effects: fish eye, wide angle, fresnel effects, water refraction.

High-Performance, High-Precision, 3D Rendering Engine

- 4 pixels per clock rendering engine.
- 128-bit, studio-quality floating point precision through the entire graphics pipeline.
- Native support for 128-bit floating point, 64-bit floating point and 32-bit integer rendering modes.
- Up to 16 textures per pass.
- Support for sRGB texture format for gamma textures.
- DirectX and S3TC texture compression.

High-Performance 2D Rendering Engine

- Optimized for 32-, 24-, 16-, 15- and 8-bpp modes.
- True-color, 64x64 hardware cursor with alpha.
- Multi-buffering (double, triple or quad) for smooth animation and video playback.

Advanced Display Pipeline with Full nView Capabilities

- Dual, 400MHz RAMDACs for display resolutions up to and including 2048x1536@85Hz.
- Integrated NTSC/PAL TV encoder support resolutions up to 1024x768 without the need for panning with built-in Macrovision copy protection.
- Video Mixing Renderer (VMR) supports multiple video windows with full quality and features in each window.

Product Accessories



NOTICE

The accessories will probably be different according to the different sales areas or product models. For detail of accessories, please refer to the directions in the product package.

Digital Vibrance control (DVC) 3.0

- DVC color controls.
- DVC image sharpening controls.

| Feature | GeForce FX 5800 | GeForce FX 5600 | GeForce FX 5200 |
|--------------------------|-----------------|-----------------|-----------------|
| CineFX Engine | Yes | Yes | Yes |
| Intellisample Technology | Yes | Yes | N/A |
| DirectX 9 | Yes | Yes | Yes |
| AGP | 8X | 8X | 8X |
| UDA | Yes | Yes | Yes |
| Process | 0.13u | 0.13u | 0.15u |
| Pixels/Clock | 8 | 4 | 4 |
| Memory | DDR-II | DDR | DDR |
| RAMDAC | 400 | 400 | 350 |

- All brand name & products are registered trademarks of their respective companies.
- All Chipset specs are derived from Nvidia data sheet. For your reference only.

▶ **Operation Systems and API support**

- Windows® XP / 2000
- Complete DirectX support, including DirectX 9.0 and lower.
- Full OpenGL 1.4 and lower.

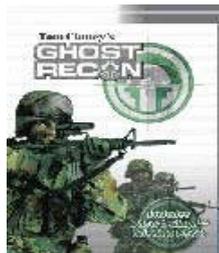
▶ **Compatibility**

- NVIDIA Unified Driver Architecture (UDA)
- Fully compliant professional OpenGL 1.4 API with NVIDIA extensions, on all Windows operating systems.
- WHQL-certified for Windows® XP, Windows® 2000.

NOTICE

The bundle contents are subject to change. Please refer to your local MSI service points for more information, or the description in the regional product package.

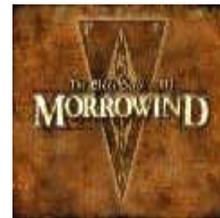
▶ **Bundle Supreme Valuable 10 set 3D Games** **Optional**



<Tom Clancy's Ghost Recon>



<Duke Nukem: Manhattan Project>



<The Elder Scrolls III: Morrowind>



<7 in 1 Games Collection>

- ◇ The Sum of All Fears
- ◇ IL-2 Sturmovik
- ◇ Serious Sam 2 lite
- ◇ Rally Trophy
- ◇ Beam Breakers
- ◇ Zax: The Alien Hunter
- ◇ Oni

▶ **MSI™ Media Center Deluxe II** **Optional**



- Browse all your multi-media resources in a single integrated platform
- Make your PC a Multi-media Center of your home.
- Simplifying your PC controls for the Elders and Kids: Only arrow and number keys needed to control MSI Media Center.
- More amazing functions: *Watch TV* (Support MSI *TV@nywhere Master* only), *Listen to Music*, *View Pictures*, *Play Video Clips*, *Play DVD*, *Game Zone*, *Applications Collection*
- **Notice: Only supported WinXP/2000 platform**

▶ **Bundled Virtual Drive 7 Professional Version** **Optional**



- Support "Virtual Drive" x 3, "Virtual Disk" x 5
- User can duplicate licensed CD as a image into HDD, to get best Read/Write speed. (Users don't need to keep licensed CD anymore)
- User can use one Virtual Drive to play MP3, use another VirtualDrive to read CD data, and use another Virtual Drive to duplicate CD (ex. if the user has a physical CDRW installed).
- Multi-language Support: English, French, Japanese, Netherlandish, Traditional Chinese, Simple Chinese.

▶ **Bundled Restore It 3 Professional Version** **Optional**

- Support "Static Restore Point" x 1, "Incremental (Dynamic) Restore Point" x 15.
- More than WinXP "System Restore", not only can restore system files & registers, but also can recognize & restore all files made by all variant utilities.
- Furthermore, if your HDD been format or damaged by virus, it still can 100% restore.
- Multi-language Support: English, French, Japanese, Netherlandish, Traditional Chinese, Simple Chinese.

▶ **Bundled MSI 5.1 ChannelDVD Player** **Optional**



- Support up to Dolby 5.1 Channel audio complete entertainment.
- User-defined Playback Duration (ex. If you have a 1.5 hours title, and you hope to finish the title playing during 1 hour air-trip, it can accelerate the playback in a non-sensible way.)
- All feature on previous version are still remain.
- Multi-language Support (26 Languages)

▶ **Bundled Foreign Language Learning Machine** **Optional**

- Easy click "Enter" key, repeat 8/4/2/1 second program automatically, to learn foreign language. After you well understand the sentence, you can click "Enter" key again to continue the playback. **Worldwide Patent Pending**

▶ **Bundled MSI 3D Desktop** **Optional**



- Fantastic 3D Desktop Experience.
- Embedded 2 Shooting Game onto MSI 3D desktop(Crime Alley & Target Practice)
- Embedded 1 Hidden Room (to store your home pictures, video, web-link...etc.)
- Screen Saver effect support !!
- Changeable 360 degree surrounded Sky.
- Changeable Theme & Music.
- Put all desktop Shortcuts/Icons onto your 3D space.
- Put all "My Favorite" 1st page onto your 3D space.
- Easy transport inside the space by using quick teleport.
- Automatically update the Advertisement-Posters, when user link to the internet.

▶ **Bundle MSI developed software**

- **MSI Live Update Series (Live VGA BIOS & Live VGA Driver)**

Automatically online download & update VGA BIOS & Drivers, reduce the risk of getting the wrong files, and never have the trouble on web site searching.

- **3D! Turbo Experience**

- Fancy, Game-looking HTML/Flash Based Tool
- New revolution! MSI is the worldwide first company to propose the advantage of HTML/Flash based utilities. By leading the new software trend, MSI devotes to serve the users a fancy, game-looking utility. Are you ready for the new experience now?

- **GoodMem**

Automatically release the system memory space, reduce the risk of system hang-up.

- **LockBox**

Instantly enter the data lock mode when you must leave your system for a while.

- **WMIinfor**

Automatically list the detail system configuration, it helpful for engineering service people.

- **ThinSoft BeTwin**

- **MSI Secure DOC**

- **E-Color**

- **Adobe Acrobat Reader**

- **Trend Micro PC-Cillin**

- **Microsoft® DirectX 9.0**

