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# TV5200-VTDF128

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VGA + TV-Tuner + FM-Tuner + TV@nywhere + MSI Media Center

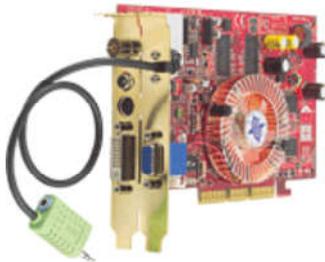


Image may vary from actual card



### Support Memory

128MB DDR SDRAM

### On-board Function

- TV-out (S-Video connector)
- DVI Connector
- Video\_in (Composite Video)
- TV Tuner (CATV/Antenna)
- FM Radio

## Product Features



LARGE PICTURE



### VGA

- nVidia FX5200 Graphic Chip
- 128MB DDR SDRAM
- DVI-I/D-sub Dual-stacked I/O Supported
- VIVO Supported
- T.O.P. Tech Fan Cooler

### Multimedia

- TV Tuner (CATV/Antenna)
- Stereo/MTS TV Supported
- FM Radio
- Remote Control (with MSI Media Center Deluxe II supported)

### GeforceFX 5200 Chipset Features

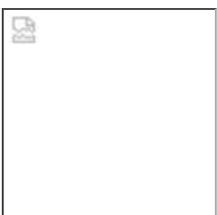
#### CineFX Shading Architecture

- 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.

## Product Accessories





FM Radio Antenna



Remote Controller



DVI-I / VGA Adapter



1 to 4 TV-out / Video\_In Connecting Cable With Remote Receiver

**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.

- 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.

**Digital Vibrance control (DVC) 3.0**

- DVC color controls.
- DVC image sharpening controls.

▶ **Operation Systems and API support**

- Windows® XP / 2000 / Me / 98SE.
- 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® Me, Windows® 2000.

▶ **Hardware**

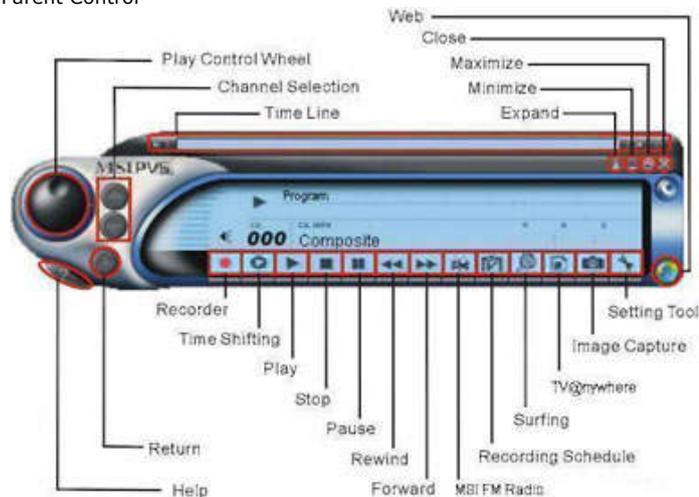
- Invincible video quality supported by Silicon Tuner
- Enable to perform excellent adjustable IF output
- Global video standards support, including NTSC-M/J, PAL-B/G/D/K/H/I
- Supports 10 bit video AD converter
- Adaptive 2-D Comb Filter
- FM Radio Tuner built-in

▶ **Software**

- MPEG4 link
- Changable skins
- Visual effects
- Instant radio recording
- Language Learning Machine
- Crystal video display
- Programmable and minimized bandwidth requirement
- Distanceless and real-time TV function control
  - Client user can real-time change TV channel and any software setting on the Server side
  - Time-Shifting
  - Scheduled, real-time and programmable recording
  - Supports conversion to all formats: MPEG1, MPEG2 and MPEG4
  - Instant channel preview

▶ **MSI PVS - Powerful TV Programs Browsing Tool with TV@nywhere function**

- Base on InterVideo WinDVR Retail Version
- Real-time TV Program Recording (MPEGI, MPEGII, MPEG4)
- Time-Shifting
- Scheduled Recording (MPEGI, MPEGII, MPEG4)
- Channel Preview
- Screen Snapshot
- Parent Control



▶ **MSI Media Center Deluxe II release 2**



- 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 Tuner only), FM Radio (Support MSI TV Tuner only), Listen to Music, View Pictures, Play Video Clips, Play DVD, Game Zone, Applications Collection
- **Notice: Only supported WinXP/2000 platform**

▶ **WinDVD Creator Plus**



- **Capture**
  - Support all capture devices
- **Edit**
  - Timeline and Storyboard support
  - Drag and drop for all operation
  - Microphone recording & CD ripping
  - Rich transition effects and title editing
- **Author**
  - Predefined Theme selection
  - Automatic chapter creation
- **Output**
  - Format Support VCD, SVCD, mini-DVD & DVD (video, +VR, -VR)
  - Media support DVD-R/RW, DVD+R/RW, DVD-RAM, CD-RW
- **DVD Direct Recording Support**
  - On-disk Editing & Direct Recording
  - Live capture from TV, 1394 DV camcorder, Composite and S-video
  - Drag & Drop from Media Library to direct recording
- **Fast Render**
  - Real time preview for most of MPEG clips
  - Less time in authoring content

▶ **Bundled Virtual Drive 7 Professional Version**



- 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**

- 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**



- 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**

- 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.

▶ **Bundled MSI Super Pack**

• **Photoshop® Album SE**

Photoshop Album displays all your pictures in the photo well for easy but powerful organization. With the Instant Photo Organizer--the Calender and the Timeline, you will be able to experience of organizing photos at your fingertips. So, get your fingertips ready now.



• **3D Album SE**

3D-Album Photo Organizer lets you view and organize photo images stored in your computer or network. You can drag and drop the image thumbnail pictures to change the order of the photo presentation. You can also insert your own personal text and voice narrations for each photo with the controls in the the 3D-Album Photo Organizer.

▶ **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?

• **GoodMen**

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 2000**

• **Microsoft® DirectX 8.1**



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Best view with 1024\*768 screen display resolution, [IE6.0^](#) or [Netscape7.0^](#) browser.