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## .....NX6800-TD128

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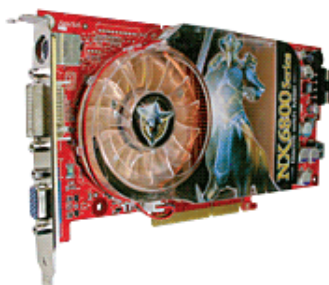
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### Support Memory

128MB DDR SDRAM

### On-board Function

TV-out (S-Video connector)  
DVI Connector


[LARGE PICTURE](#)

### NOTE:

1. The supplied power cable must be attached to ensure the card works properly.
2. Always connect or disconnect the supplied power cable when the system power is off.

### Product Features



### EMC Safety



### Product Accessories



DVI-I / VGA Adapter

### Geforce 6800 Chipset Features and Specifications

#### CINEFX 3.0 SHADING ARCHITECTURE

- Vertex Shaders
  - Support for Microsoft DirectX 9.0 Vertex Shader 3.0
  - Displacement mapping
  - Geometry Instancing
  - Infinite length vertex programs
- Pixel Shaders
  - Support for DirectX 9.0 Pixel Shader 3.0
  - Full pixel branching support
  - Support for Multiple Render Targets(MRTs)
  - Infinite length pixel programs
- Next-Generation Texture Engine
  - Up to 16 textures per rendering pass
  - Support for 16-bit floating point format and 32-bit floating point format
  - Support for non-power of two textures
  - Support for sRGB texture format for gamma textures
  - DirectX and S3TC texture compression
- Full 128-bit studio-quality floating point precision through the entire rendering pipeline with native hardware support for 32bpp, 64bpp, and 128bpp rendering modes

#### 64-BIT TEXTURE FILTERING AND BLENDING

- Full floating point support throughout entire pipeline
- Floating point filtering improves the quality of images in motion
- Floating point texturing drives new levels of clarity and image detail
- Floating point frame buffer blending gives detail to special effects like motion blur and explosions

#### INTELLISAMPLE 3.0 TECHNOLOGY

- Advanced 16x anisotropic filtering
- Blistering-fast antialiasing and compression performance

**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.

- New rotated-grid antialiasing removes jagged edges for incredible edge quality
- Support for advanced lossless compression algorithms for color, texture, and z-data at even higher resolutions and frame rates
- Fast z-clear
- High-resolution compression technology (HCT) increases performance at higher resolutions through advances in compression technology

**ULTRASHADOW II TECHNOLOGY**

- Designed to enhance the performance of shadow-intensive games, like id Software's Doom III

**ADVANCED VIDEO AND DISPLAY FUNCTIONALITY**

- Dedicated on-chip video processor
- MPEG video encode and decode
- WMV9 decode acceleration
- Advanced adaptive de-interlacing
- High-quality video scaling and filtering
- Dual integrated 400MHz RAMDACs for display resolutions up to and including 2048x1536 at 85Hz.
- Dual DVO ports for interfacing to external TMDS transmitters and external TV encoders
- Microsoft® Video Mixing Renderer (VMR) supports multiple video windows with full video quality and features in each window
- Full NVIDIA® nView™ multi-display technology capability

**NVIDIA® DIGITAL VIBRANCE CONTROL™ (DVC) 3.0**

- DVC color controls
- DVC image sharpening controls

**OPERATING SYSTEMS**

- Windows XP
- Windows 2000

**API SUPPORT**

- Complete DirectX support, including the latest version of Microsoft DirectX 9.0
- Full OpenGL, including OpenGL 1.5

**Supports super high resolution graphics modes**

640 x 480	200Hz
800 x 600	200Hz
1024 x 768	200Hz
1152 x 864	200Hz
1280 x 1024	160Hz
1600 x 1200	120Hz
1920 x 1080	120Hz
1920 x 1200	100Hz
1920 x 1440	90Hz
2048 x 1536	85Hz

**▶ System Requirements**

To install the VGA card, your computer system needs to meet the following requirements:

- IBM PC compatible CPU 600MHz or faster
- Requires an AGP compliant mainboard (AGP 8X port recommended)
- 64MB system memory
- 6X or faster CD-ROM drive
- Minimum 350W system power supply required
- Operating Systems Support: Windows® XP/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 3D Games** **Optional**



**URU**  
(Worldwide)



**XIII**  
(Worldwide)



**Prince of Persia 3D**  
(Worldwide without Japan)



**Splinter Cell Pandora Tomorrow**  
(Available in Japan only)

<14 in 1 Games Collection> Demo



1. Praetorians
2. YAGER
3. Heaven & Hell
4. Divine Divinity
5. Etherlords2
6. IL-2 Sturmovik
7. Splinter Cell
8. Black Hawk Down
9. Joint Operations Typhoon Rising
10. Comanche 4
11. American Conquest
12. Commandos 3 Destination Berlin
13. Beach Life
14. Deus EX Invisible War

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



► **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 Super Pack** **Optional**

- **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.



▶ **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 driver and utilities**

• **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.

• **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.

• **WMIinfo**

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**



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Best view with 1024\*768 screen display resolution, IE5.5^ or Netscape7.0^ browser.