NVIDIA. DualTV MCE

Control your TV experience—watch what you want, when you want, from wherever you want!

Watch Your Favorite TV Programs When and Where You Want

The NVIDIA® DualTV analog tuner card lets you schedule recordings of your favorite TV shows and watch them when you want. You are no longer limited to watching the same program you are recording; with NVIDIA DualTV you can watch one channel and record another, or record two channels simultaneously. And with time shift capabilities you can easily pause and rewind your favorite shows to watch at your leisure.

Best of all you can watch your programs in your home or on the go. With NVIDIA DualTV you can easily record your favorite programs then transfer, stream, or copy them to different devices to watch in various locations. NVIDIA® MediaSqueeze™ technology allows you to record and save your favorite programs using less disk space than other solutions. In addition, you can watch your NVIDIA DualTV from anywhere in the world over the internet by utilizing software from Orb Networks.

Watch your favorite shows anywhere with:
- An Apple® iPod® with video
- A Sony PSP™ (PlayStation® Portable)
- A Microsoft® XBOX 360™ or Media Center Extender
- A DVD player
- A notebook computer
- Orb Networks software

Enjoy Unmatched Television Picture Quality

With the power of NVIDIA® PureVideo™ technology, NVIDIA DualTV delivers a home-theater experience through your PC, ensuring that the picture is clear and that the colors are vibrant and lifelike. Experience crisp and vivid TV with PureVideo's advanced 3D noise reduction and 3D comb filter technology. Multistream hardware MPEG-2 encoding lets you record a sharp TV picture while freeing the CPU for other applications. The included NVIDIA PureVideo Decoder provides unmatched picture fidelity and rich surround sound audio when you're watching DVDs, videos, or TV shows. And Imaging Science Foundation (ISF) certification guarantees the highest level of picture quality.

Install and Use Within Minutes

Installing NVIDIA DualTV is simple. The easy-to-install, rock-solid NVIDIA® ForceWare® drivers will have you watching and recording your favorite TV programs in no time. The "Designed for Windows Media Center Edition" certification ensures that NVIDIA DualTV meets the standards for Window's compatibility.

Capture, Edit, and Archive Your Home Movies with Ease

NVIDIA DualTV lets you easily connect your camcorder to instantly capture your home movies. Combine NVIDIA DualTV with Microsoft® Windows® Movie Maker and Sonic MyDVD LE to edit your movies and share with friends and family.

Turns any Media Center PC into a Home-Entertainment Center

NVIDIA DualTV MCE delivers a superior TV experience on Microsoft Windows XP Media Center Edition (MCE) PCs, giving you flexibility in your TV viewing and recording options. Quickly start watching high-quality TV by clicking the "MyTV" button from the MCE display menu. NVIDIA DualTV MCE lets you take full advantage of MCE's dual tuner and personal video recording capabilities, including recording two channels at once or watching one channel while recording another. You can even distribute two separate programs throughout your home with Media Center Extenders, so others can watch their favorite shows on their own TV.

ImagingScience
RESEARCH LABS, INC

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Designed for
Microsoft®
Windows® XP
Media Center
Edition

NVIDIA DUALTV MCE

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FEATURES	BENEFITS
Simultaneous Watch and Record	Record two TV channels, or watch one TV channel while recording another—the perfect solution for Windows MCE.
Helpful Wizards and Simple Quick Start Guide	NVIDIA DualTV's easy-install features mean you'll be watching and recording your favorite programs in no time.
NVIDIA® PureVideo™ Technology	NVIDIA PureVideo delivers a crystal-clear television picture with 3D noise reduction, advanced 3D comb filtering, and signal amplification.
NVIDIA® MediaSqueeze™ Technology	NVIDIA MediaSqueeze lets you store more of your favorite TV programs on your hard disk or a DVD.
NVIDIA PureVideo Decoder	The NVIDIA PureVideo Decoder combines the industry's highest quality DVD and MPEG-2 playback with rich surround-sound audio, and provides the best movie experience with Microsoft® Windows® Media Player and Windows XP Media Center Edition.
Multistream Hardware MPEG-2 MP@ML Encode	Record a sharp, crisp TV picture while freeing the CPU for other applications.
Multiple Inputs	Accepts TV and audio input from cable, set-top boxes, and off-the-air antennas. An internal splitter allows a single cable or antenna connection to supply two different channels simultaneously.

PRODUCT SPECIFICATIONS

Package Contents

- NVIDIA® DualTV PCI analog tuner card
- NVIDIA DualTV installation CD with NVIDIA® PureVideo™ Decoder, NVIDIA DualTV WDM driver, and User's Guide (PDF)
- Sonic MyDVD LE*
- S-video cable*—Connects to set top box or other video equipment
- Composite video (RCA to 4-pin DIN) adapter—Connects to composite video cable
- Composite video and stereo audio RCA cable*—Connects to set top box or other video equipment
- Minijack to dual RCA cable—Connects to stereo input RCA cable.
- Coaxial cable*—Connects to cable TV service
- Coaxial cable splitter*—Connects to cable TV service coaxial cable, CATV input on the NVIDIA DualTV card, and to another device utilizing the cable signal
- FM antenna cable
- NVIDIA DualTV Quick Start Guide

Functions

- Dual-channel TV reception and A/V capture
- Source type: analog terrestrial broadcast, analog cable broadcast, and analog A/V signal from set-top boxes or other A/V equipment
- Signal type: radio frequency (RF from antenna, cable TV, output of set-top boxes) or baseband (S-video or composite video)

- TV standard
  NTSC board: NTSC M/N
  Pal/SECAM board: Pal I. B/G, D/K, SECAM D/K, L/L
- Dual-stream MPEG2 A/V encode with MediaSqueeze technology
  - Video: MPEG2 MP@ML, 720x480 (standard definition)
  - Audio: MPEG1L2
- Uncompressed A/V capture
  - Video: 720x480 (standard definition)
  - Audio: PCM (16-24 bit per sample, up to 48 KHz)
- FM radio tuner
- Internal splitter for RF with in-line signal amplifier—only a single RF input is needed for the two internal tuners
- 3D comb filter and 3D noise reduction with PureVideo technology

Minimum System Requirements

- Microsoft Windows XP Media Center Edition 2005 (including Update Roll-up 2)
- 1.6 GHz Intel® Pentium®4, Celeron®, or equivalent AMD® Athlon™ or Sempron™ CPU (2.4 GHz CPU recommended)
- 256 MB system memory (512MB highly recommended)
- Available PCI slot
- Graphics with 64MB DDR, DXVA (motion-compensation), and Microsoft® DirectX® 9.0 support (128MB DDR recommended)
- 20 GB free space on Ultra DMA (ATA/66) hard disk (40GB or more recommended)

- DirectSound-compatible sound card or integrated audio
- CD-ROM drive (DVD-ROM or DVD recorder drive recommended)
- Microsoft DirectX 9.0 or later

Connectors on Bracket **

- TV antenna or cable TV: F-connector (NTSC) or IEC-connector (PAL)
- FM radio antenna: F-connector (NTSC) or IEC-connector (PAL)
- Direct A/V inputs (2 sets)
  - S-video or composite video via included adapter: 4-Pin DIN
  - Line-level stereo audio: stereo minijack

Compliance and Certifications

- Designed for Microsoft® Windows® XP Media Center Edition, 2005 (including Update Roll-up 2)
- Imaging Science Research Labs / Imaging Science Foundation
- FCC, CE, UL/CUL, CTICK, MIC, VCCI, BSMI

* Included in retail package only
** 2-sets of on-board A/V inputs (1x5 for video and 1x4 for audio) are also available for front-panel (drive bay) or back-panel connection; requires wafer connector cables (not included)

For more information and where to buy NVIDIA DualTV MCE, please visit www.nvidia.com