

NVS-7.7

INTEGRATE AND STORE YOUR FAVORITE HOME ENTERTAINMENT. ENJOY THE OUTSTANDING QUALITY OF ACCOMPLISHED HOME THEATER WITH POWERFUL PROCESSING. EFFORTLESSLY ACCESS TV, MOVIES, MUSIC, DIGITAL PHOTOS, AND THE INTERNET. AN OUTSTANDING SOLUTION FOR THE DIGITAL HOME.



VECTOR LINEAR SHAPING CIRCUITRY NETUNE



INTEGRATED MEDIA CENTER

Intel® Viiv™ Technology Providing a Digital Home Entertainment Framework

Intel Viiv technology bundles power, control and access for stunning home entertainment from one centralized media center like the NVS-7.7. This platform offers some significant advantages for PC-based entertainment:

- Dual-core processing for enhanced performance and responsiveness
- Outstanding system performance including vivid, precise graphics for video and gaming
- 7.1 surround sound capability
- Protection for stored video, music and video files
- Instant on/off functionality for easy digital entertainment access
- Internet connectivity (up to 100 megabit Ethernet networking) for accessing online contents



Introducing Dolby Master Studio Audio Capabilities—A World First

Dolby Master Studio is the ultimate audio presentation solution for multiple home entertainment platforms. At its core, Dolby Pro Logic IIx provides a full 6.1 or 7.1 surround sound from stereo sources or 5.1 sources, leaving no video or music format uncovered. Also, Dolby Digital Live converts any audio signal to a Dolby Digital stream for playback through a home theater system—perfect for the gaming enthusiast. Dolby Virtual Speaker creates a realistic 5.1 surround sound experience from only two speakers, while Dolby Headphone delivers spacious surround sound and reduces “listener fatigue.” And in a key development for home entertainment, Dolby Digital 5.1 Creator gives you the same tools as recording professionals to master your own home movies in 5.1 Dolby Digital sound (for use with NeroVision Express 3).



Integra®

DESIGNED TO INTEGRATE. BUILT TO STIMULATE.

Vector Linear Shaping Circuitry (VLSC) to Promote Noiseless Delivery

The delivery of untainted audio signals is crucial to quality home entertainment. The onboard VLSC removes pulse noise from digital audio signals. Conventional digital-to-analog conversion methods can reduce pulse noise at the conversion stage, but can't remove it completely. VLSC overcomes this problem by deriving two sampling points from the signal data, then joins those points

with analog vectors to produce a smooth output wave form. By connecting the NVS-7.7's 2-channel audio output to your A/V receiver, you're able to send an audio signal that's free of potentially damaging noise.



Distributing Internet Radio and Digital Music Files Throughout Your Home

Net-Tune Central 2 MCE Edition enables access to your digital music files stored in the My Music library of Media Center to be played back on any Net-Tune clients throughout your home. Also, if the NVS-7.7 is connected to the internet via a router you can also access and distribute internet radio as well. The Net-Tune Central software can serve up to three clients for simultaneous music entertainment in different rooms around the house.



Downloading Movies, Music and Games Straight to Your Living Room

Intel is working with some of the world's biggest entertainment providers to bring access to movies, TV, music, and gaming contents. The NVS-7.7 brings access to the latest on-demand movies and TV programs with all-exclusive features via online content providers. If it's music you're after, you can download thousands of songs. You also have the capability to search for, sample and download music videos for playback through your home entertainment system.

You can take gaming to the next level by searching for and accessing the most popular game titles, including on-demand broadband gaming, for solo play or with others at home or around the world.



Multiple Connectivity Options to Integrate All Your Home Entertainment Equipment

Connect to your HDTV, TV or projector through the NVS-7.7's wide range of video connections: DVI, VGA, component video, S-Video or composite video outputs. To send 5.1 surround signals to your AV receiver, you can use the coaxial and digital outputs for a digital audio connection. Also, with the NVS-7.7's 7.1-channel analog outputs, you can playback 7.1 surround sound with a compatible A/V receiver.



400-GB Storage Capacity with Memory Slot Transferability

The NVS-7.7's 400-GB SATA hard drive will give you more than enough storage for all recorded TV contents as well as music library and video files. Also, with 1 gigabyte of RAM and dual core processing at your disposal, the NVS-7.7 will run without the sluggishness found with lesser capacity. Also, on the front panel you'll find a drop-down flap that houses an 8-in-1 card reader to transfer digital photos. Right beside the slots, an iLink port and USB 2.0 ports connect to peripherals like external hard drives, digital video cameras, and digital audio players like the iPod®



Microsoft® Windows® XP Media Center 2005 Interface for Control

Windows XP Media Center is your intuitive access point for movies, music, digital photos, communications and radio access. From the one-touch start button on the remote control or keyboard, the Media Center launches the menu giving you access to your contents, including recorded TV contents and home movies. Also, when you insert a disc it will automatically recognize the media and begin playback. The Media Center Setup Wizard effortlessly configures your TV signal sources, and once it's quickly completed, you can easily pause and replay live TV. Furthermore, you'll also be able to schedule future recordings. Remarkably easy to use, the Media Center is all about giving you complete control over how you organize and enjoy your home entertainment.



Exceptional Build Quality with Robust Chassis and Brass Ground Plate

Like all Integra home theater products, build quality is an essential element of ensuring signal purity. Just one glance at its solidity will tell you that the NVS-7.7 is steeped in this approach—down to the very last detail, inside and out. As a prime example, the inclusion of a brass ground plate contributes to the elimination of ground hum for more efficient power distribution, reduced noise and clearer audio.



Giving you Complete Control at Your Fingertips

The NVS-7.7's remote control options give you control from a wireless keyboard or a conventional home entertainment remote controller. Whether you need the full range of keystrokes, like in typical computer use, or the handheld simplicity of instant access, your needs are fully catered for. You can also take advantage of an RS-232 port for connecting to automation and external controllers or two IR blasters to integrate cable or satellite set-top boxes to your system.



FEATURES

GENERAL

- Intel® Viiv™ Technology
- Windows® XP Media Center Edition 2005
- Analog and Digital TV Tuners with PVR recording capability (including pause, review and resume functions as well as TV Guide, Search and Settings)
- FM Tuner with pause and replay functions (up to 9 presets)
- Playback formats include DVD Video, DVD Audio, VCD, PCM CD, WMA, MPEG 1/2/4, JPEG
- Solid build quality

PC HARDWARE

- Intel® Pentium® D 820 processor (2.8 GHz)
- 400 GB Hard disk drive
- 1 GB of RAM
- CD/DVD±RW Dual Layer Drive with Progressive Scan playback at 480p
- 8-in-1 Media Card Reader: SmartMedia, MMC (MultiMediaCard), SD (Secure Digital), CompactFlash Type I/II, Microdrive, Memory Stick (MS), MemoryStick PRO (MS PRO)
- Serial ATA-II (150) for storage transfer speeds of up to 1.5 GB/s
- Four USB 2.0 ports
- Ethernet LAN port

SOFTWARE

- CyberLink PowerDVD 6 for versatile DVD video and DVD audio playback
- NeroVision Express 3 for authoring and burning contents
- Net-Tune Central 2 MCE Edition
- Symantec Norton Internet Security 2006
- SoftThink System Recovery to reinstall system software

AUDIO

- Intel® High Definition Audio
 - MIDI Playback (OS Standard)
 - 3D Audio (DirectSound 3D)
- Wolfson 192 kHz/24-bit DAC for 2-channel audio
- SigmaTel 48 kHz/24-bit DAC for 7.1-channel playback
- Dolby Master Studio
- DTS Surround
- Optical and coaxial digital outputs
- VLSC — Vector Linear Shaping Circuitry 2-channel analog output
- Brass ground plate for low impedance

VIDEO

- Component video output (max. 720p)
- DVI video output
- VGA video output
- S-Video/Composite video output
- Three IEEE1394 ports (DV)
- S-Video and composite video inputs
- Analog and digital TV/FM antenna inputs

OTHERS

- Remote Controller with Media Center start key
- RF-controlled wireless keyboard with standard PC compatibility (includes dedicated keys for AV and trackball)
- Two IR blaster outputs (can be used to select channels for cable or satellite set-top boxes)
- RS232 Port for external control

SPECIFICATIONS

AUDIO OUTPUT

Sound Feature:	Intel® High Definition Audio 192 kHz/24-bit (max.)
Frequency response:	0.3 Hz-88 kHz, 2 ch output, 192 kHz sampling rate 0.3 Hz-20 kHz, 7.1 ch output
S/N Ratio:	110 dB (IHF-A, 2 ch output), 100 dB (IHF-A, 7.1 ch output)
THD (Total Harmonic Distortion):	0.003 % (1 kHz, 2 ch output), 0.006 % (1 kHz, 7.1 ch output)
Analog output:	2.0 Vrms (2 ch/7.1 ch output)
Digital output:	S/PDIF (coaxial/optical), 48 kHz fixed

VIDEO OUTPUT

Video output interface:	Composite, S-Video, Component
-------------------------	-------------------------------

AV INPUT

Video input interface:	Composite, S-Video, Analog audio
------------------------	----------------------------------

ATSC TUNER

Input Frequency Range:	54 MHz-864 MHz
------------------------	----------------

NTSC TUNER

Channel Range:	CH2-CH69 (Terrestrial)/CH1-CH134 (CATV)
----------------	---

FM TUNER

Tuning Range:	88.1 MHz-107.9 MHz
---------------	--------------------

PC

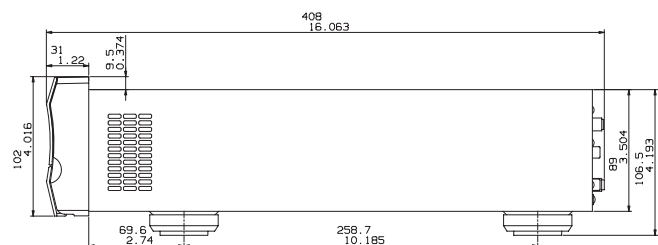
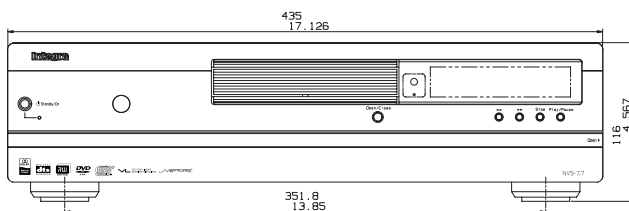
Operating System:	Microsoft® Windows® XP Media Center Edition 2005
CPU:	Intel® Pentium® D Processor 820 (2.8 GHz)
Main memory (RAM):	PC2-4200 1 GB
Chipset:	Intel® 945G Express with ICH7-DH
Hard disk drive:	SATA 400 GB
CD/DVD drive:	DVD Multi drive
Display output:	DVI, VGA
Display resolution:	800 x 600, 1024 x 768, 1152 x 864, 1280 x 600, 1280 x 720, 1280 x 768, 1280 x 960, 1280 x 1024, 1400 x 1050, 1600 x 900, 1600 x 1200, 1792 x 1344, 1856 x 1392, 1920 x 1080, 1920 x 1200, 1920 x 1440, 2048 x 1536
LAN:	10Base-T/100Base-TX
USB 2.0:	2 ports (front)/2 ports (rear)
IEEE1394 (iLink):	One 4-pin port (DV input) (front)/Two 6-pin ports (rear)
Memory card:	SmartMedia, MMC (MultiMedia card), SD (Secure Digital), CompactFlash Type I/II, Microdrive, Memory Stick (MS), Memory Stick PRO (MS PRO)
Input device:	wireless keyboard, remote controller

GENERAL

Power supply:	AC 100-240 V, 50/60 Hz
Power consumption:	6.0 A (max.)
Dimensions:	17-1/8" x 4-9/16" x 16-1/4" / 435 x 116 x 408 mm
Weight:	20.9 lbs./9.5 kg
Operating environment temperature:	41°F-95°F (5°C-35°C)
Recovery:	Hard disk drive

Specifications and features are subject to change without notice.

ARCHITECTURAL DRAWINGS



Intel Viiv is a trademark or registered trademark of Intel Corporation or its subsidiaries in the United States and other countries. Master Studio is a trademark of Dolby Laboratories. Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. Manufactured under license from Dolby Laboratories. VLSC is a trademark of Onkyo Corporation. Net-Tune is a registered trademark of Onkyo Corporation. iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries. Cyberlink and PowerDVD are trademarks of Cyberlink Corp. Microsoft, Windows, Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks and registered trademarks are the property of their respective holders.