

Television and Video

Standard-Definition Tuner	NTSC - Dual Cable & Satellite Ready Tuner
High-Definition Tuner	ATSC - Dual HDTV Tuner able to receive Free Over-the-Air High Definition Television Broadcasts
Personal Video Recorder	Personal Video Recorder with high-performance hardware encoder. Records television digitally to internal hard drive. Features pause, instant replay and 30-second skip. Records up to four TV channels simultaneously while playing back another pre-recorded show.
Compatibility	Compatible with cable, satellite, standard and high definition over-the-air.
Electronic Program Guide	14-day program guide ¹ . Downloadable at no charge via broadband Internet connection.
Video Processor	Nvidia 8800GTS HDCP with 512MB GDDR3 memory. PCI Express x16 high performance architecture. Includes PureVideo™ HD technology for high quality video scaling and full screen HDTV resolutions up to 1080p.

Storage

Hard Drive	3TB (4 x 750GB) 3.5" SATA 2 Seagate DB35 Series™, RAID 0. (RAID 5 Optional configuration for optimal security & performance – recommended. Estimated storage = 2.25TB)
RAID Card	Adaptec 3405 PCI-Express 4-Port SATA
CD / DVD Player / Recorder	Multi-Format, Dual Layer, Progressive scan DVD movie playback at 480p ² with scaling up to 1080p
DVD & CD Read/Write Speeds	3x DVD-RAM, 4x DVD-R, 4x DVD-RW, 4x DVD+R, 4x DVD+RW, 16x CD-R, 4x CD-RW, 24x CD-ROM, 8x DVD-ROM
Blu-Ray Disc Player	Blu-Ray Disc playback at 24 fps for up to 1080p output incl. 7.1 surround sound

Audio

Audio	Audio with 5.1 / 6.1 / 7.1 surround sound. 192KHz / 24-bit output, 118 dB signal-to-noise ratio
Chipset	Hardware Audio Codec Chip utilizing AV200, 4 Discreet high-quality oversampling Digital-to-Analog Converters using renowned Burr-Brown PCM1796 Chip.
Certification	Dolby Master Studio, Dolby Pro Logic IIx, Dolby Digital Live, DTS Connect, DTS Digital Surround

External I/O Connectors

Video Output	(1) HDMI (video only), (1) DVI, (1) Component [YPbPr] (BNC)
Audio Output	(8) RCA (gold-plated) for 7.1 analog output, (1) Digital coaxial port for 5.1 digital output
Audio Input	(2) RCA (gold-plated)
Television Input	(2) RF coaxial or (2) S-Video and (2) sets of RCA (gold-plated) jacks, left/right
USB (2.0)	(2) Front Panel, (4) Rear Panel
FireWire (IEEE 1394)	(1) Front Panel, (1) Rear Panel

Control

Infrared Receiver	External IR Receiver (included)
Infrared Transmitter	(2) IR Blaster ports available on external IR Receiver used to control cable or satellite set-top boxes.
RS-232	(1) Rear Serial port for RS-232 control ³

Computing Power

Processor	Intel Core 2 Extreme (Quad-Core) QX6800 (2.66Ghz) FSB 1066MHz, 8MB L2 Cache
Chipset	Intel® 975 Extreme Edition
Memory	4GB (4 x 1GB) DDR2 800Mhz

Internet Connectivity

Ethernet	10/100/1000 Base-T Gigabit Ethernet (RJ-45)
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Chassis	
Material	Proprietary Niveus 3U Media Server Rack Chassis
Rear	Niveus ConvergencePanel™ (patent-pending) providing simple, A/V-style connectors and ports on rear panel
Power	
Power Supply	400 Watt Internal Power Supply
Requirements	115-230V AC, 50 / 60Hz
Accessories	
Keyboard/Mouse	50 foot range Wireless Keyboard/Mouse Trackball Combo (2.4Ghz RF)
Remote Control	Microsoft IR Remote Control for Windows Media Center Edition. 20 ft. Range.
Cables	(1) Power, (1) RCA, (2) IR Blaster cables, (1) RF coaxial FM antenna
Dimensions & Weight	
Dimensions	17" (W) x 17.5" (D) x 5.125"
Weight	30 lbs
Software	
Operating System	Microsoft® Windows® Vista Ultimate
Niveus Exclusive	My Server: Access and control of Niveus A/V Storage Server (sold separately) via Windows Media Center
	Media Center Companion: Allows network remote control of the Niveus Media Center
	My Weather: Current and forecast weather information available via Windows Media Center
	Niveus HD Media Store: High Definition portal providing access to partner services incl. MusicGiants
Service & Support	
Limited Warranty	One year parts and labor
Product Support	Toll-free phone support including remote desktop connection to Niveus Technical Support team
System Restore	Niveus Simple System Restore functionality enabling F11 software rollback
Installation	
Rack-Mount	Rack Ears (Included)
Additional	
	Digital Cable Compatible PC
	Intel® Viiv™ Technology
	ISF Certification
	Nvidia PureVideo HD™

¹ Electronic Program Guide provided by Microsoft.

² Video Card resolution must be set to 480p for DVD playback when connected using Component Video Out

³ Additional Software Required