

Audio and Video

Audio	Niveus Pro Audio Deluxe with 5.1 / 6.1 / 7.1 surround sound. 192KHz / 24-bit output, 120 dB signal-to-noise ratio. Includes Hardware Decoding (bitstreaming) for Dolby TrueHD and DTS Master
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
Video Processor	Nvidia GeForce GTS 250 Graphics Processor for break-through efficiency, incredible visual fidelity, and full screen resolutions up to 1080p.

Storage

OS Hard Drive	2x 80GB 2.5" SATA 2 Intel X25-M Solid State Hard Drives, RAID 1 (Mirror)
Hard Drive	1TB 3.5" SATA 2 Seagate Barracuda 7200.12 Hard Drive
CD / DVD Player / Recorder	Multi-Format, Dual Layer, Progressive scan DVD movie playback at 480p ¹ with scaling up to 1080p
DVD & CD Read/Write Speeds	3x DVD-RAM, 4x DVD-R/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

External I/O Connectors

Video Output	(1) HDMI 1.3, (1) DVI, (1) Component [YPbPr] (BNC)
Audio Output	(8) RCA (gold-plated) for 7.1 analog output, (1) Digital coaxial for 5.1 digital output, HDMI for 7.1 digital output
USB (2.0)	(2) Front Panel, (6) Rear Panel
FireWire (IEEE 1394)	(1) Front Panel, (1) Rear Panel
Media Card Reader	Secure Digital (SD) / MultiMediaCard (MMC) Reader

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 ⁱⁱ

Computing Power

Processor	Intel Core i7 920 Nehalem 2.66GHz 4 x 256KB L2 Cache 8MB L3 Cache LGA 1366 130W Quad-Core Processor
Chipset	Intel® X58SO Chipset
Memory	6GB (3 x 2GB) DDR3 1600Mhz

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. 20 ft. Range.
Cables	(1) Power, (2) IR Blaster cables
Dimensions & Weight	
Dimensions	17" (W) x 17.5" (D) x 5.125"
Weight	30 lbs
Television (Optional)	
Standard-Definition Tuner	None Internal – requires external add-on Niveus Digital Cable Receiver (sold separately)
High-Definition Tuner	None Internal – requires external add-on Niveus Digital Cable Receiver (sold separately)
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 (incl. CableCARD), satellite, standard and high definition over-the-air.
Electronic Program Guide	14-day program guide ⁱⁱⁱ . Downloadable at no charge via broadband Internet connection.
Software	
Operating System	Microsoft® Windows® 7 Professional
Niveus Exclusive	Niveus Movie Library™ 2.0: Aggregate and control of entire movie collection: TV, DVDs, VideoGiants & More
	Niveus Media Server Companion™: Allows network remote control of the Niveus Media Server
	Niveus Studio™: Allows advanced customization of the Niveus Media Server
	Niveus Weather™: Current and forecast weather information available via Windows Media Center
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)

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

ⁱⁱ Additional Software Required

ⁱⁱⁱ Electronic Program Guide provided by Microsoft.