

NViS 6210

2U, Rack 32CH Hybrid DVR
with Intel® Core™ i3/i5/i7 Desktop Processor



- 2U Rackmount Hybrid DVR with BNC Connectors Published
- Support Intel® Core™ i3/i5/i7 Desktop Processor
- Video Decoder (TW6816) Chips On-board
- Up to 32 CH 960/900FPS@D1 Display & Recording
- 8 x 3.5" Hot-Swappable HDD Trays
- Dual Local Display by (VGA+DVI), (VGA+ HDMI) or (DVI+HDMI)
- 2 x Intel® Gigabit Ethernet/ Support Intel® AMT 7.0 for Remote Management
- 1 x PCIe x16 Slot, Support SATA3.0, RS232/422/485
- SDK support (Windows platform)

Product Overview

The NViS 6210 hybrid DVR is equipped with an Intel® Core™ i3/i5/i7 processor. Incorporating an all-in-one embedded server board and video chips on-board, NViS 6210 provides high quality digital recording on 32-channel D1 resolution, real-time display (NTSC 720X480, PAL 720/576) and SDK supported.

Specifications

Main Board

- NEX 882

CPU Support

- Intel® Core™ i7 2600 desktop processor (8M cache 3.4 GHz, LGA 1155)
- Intel® Core™ i5 2400 desktop processor (6M cache 3.1 GHz, LGA 1155)
- Intel® Core™ i3 2120 desktop processor (3M cache 3.3 GHz, LGA 1155)

Main Memory

- 4 x 240-pin memory DIMM sockets, up to 16GB DDR3 1066/1333 MHz SDRAM, un-buffered and non-ECC

Platform Control Hub

- Intel® Q67

Capture Chip

- 8 x Techwell 6816 video decoder chip on-board (32CH)
- 4 x Techwell 6816 video decoder chip on-board (16CH)

I/O Interface-Front

- Power on/ off switch
- HDD access/ power status LEDs
- 2 x USB2.0 ports

I/O Interface-Rear

- 2 x GbE ports
- 4 x USB2.0 ports
- 1 x DB15 VGA port
- 1 x DVI-D port
- 2 x DVI port for video and audio input
- 1 x HDMI port
- 1 x speaker-out and 1 x Mic-in/ Line-in
- 32CH BNC connectors
- 1 x RS232/ 1 x RS232/422/485 (internal)

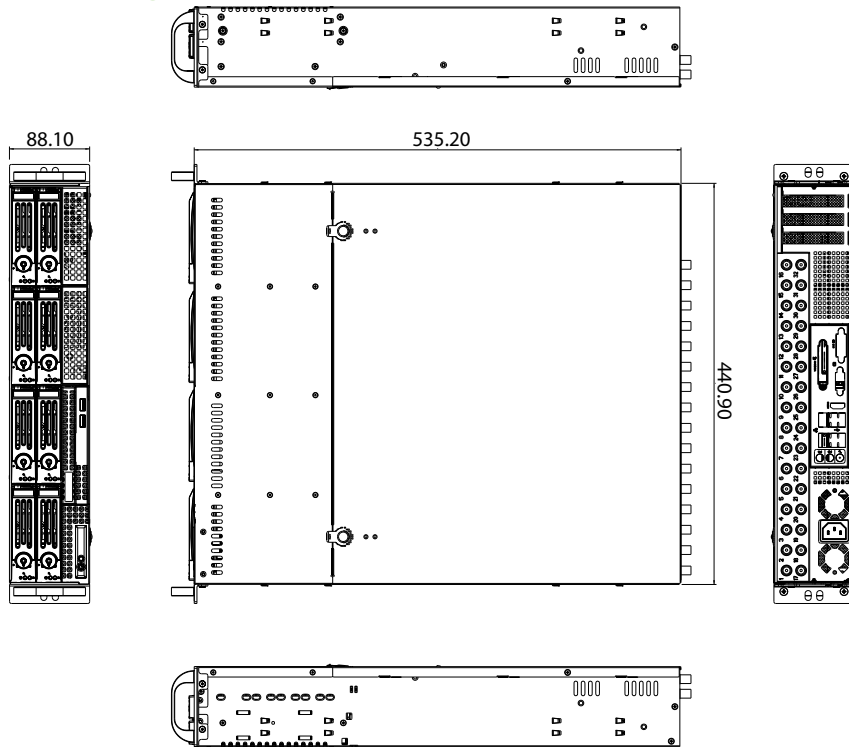
Expansions

- 1 x PCIe x16 (internal use)
- 1 x mini-PCIe (internal use)

Storage

- 8 x 3.5" Hot-Swappable HDD Trays

Dimension Drawing



Cooling System

- 2 x 80mm fan for system cooling
- 1 x copper heatsink with fan for CPU cooling

Power Input

- 600W ATX power supply AC 100V to 240V

Dimensions

- 535.2mm(D) x 440.9mm(W) x 88.1mm(H)

Construction

- 2U rackmount, heavy-duty steel chassis

Environment

- Operating temperature:
Ambient with air flow: 0°C to 45°C
- Storage temperature: -20°C to 70°C
- Relative humidity: 10% to 90% (non-condensing)

Certifications

- CE approval
- FCC Class A

Digital Video Specifications

Product	NVi56210-16CH	NVi56210-32CH
Video Input	16	32
Audio Input	16	32
Video Format (Display)	NTSC	PAL
	YUY2	
	720x480x30FPS	720x576x25FPS
	640x480x30FPS	640x576x25FPS
	720x240x30FPS	720x288x25FPS
	640x240x30FPS	640x288x25FPS
Video Recording	NTSC	PAL
	S/W MPEG4 or S/W H.264	
	720x480x30FPS	720x576x25FPS
	640x480x30FPS	640x576x25FPS
	720x240x30FPS	720x288x25FPS
	640x240x30FPS	640x288x25FPS
Audio Format	MONO/ 8- 16BITS / 8000- 48000HZ	
I/O	Yes (optional)	
SDK	VC++/.NET/ BCB / VB/ V4L2	

Ordering Information

- **NVi56210-16 (P/N: 10C0621000X0) RoHS Compliant**
2U, 16CH hybrid DVR with Intel® Core™ i3/i5/i7 processors
- **NVi56210-32 (P/N: 10C621001X0) RoHS Compliant**
2U, 32CH hybrid DVR with Intel® Core™ i3/i5/i7 processors