



Main Features

- 4U 19-inch rackmount standard
- Supports Intel® Xeon® E3 server/workstation series processor
- Four DDR3 DIMM Sockets, up to 16GB DDR3 1066/1333 MHz SDRAM
- Dual Intel® Gigabit Ethernet ports
- 6 x USB2.0 / 1 x VGA/ 1 x/ DVI-D
- 4x PCIe expansion slots
- 6 x 3.5" SATA HDD bays for external
- Supported up to 16-channel HD CCTV

Product Overview

NEXCOM expands its security surveillance offerings to HD CCTV with NViS 8490. Powered by Intel® Xeon® E3 server/workstation processors with C206 chipset, NViS 8490 is able to display and playback Full HD videos through 8 channels. In addition, the storage capacity NViS 8490 holds can be as large as 12TB when all of its six 3.5" SATA HDDs are utilized, offering massive storage capacity with good value.

Specifications

Main Board

- NEX 890

CPU Support

- Intel® Xeon® E3 server/workstation series processor
- Intel® Desktop Core™ i7 2600 Quad core processor (3.4 GHz, LGA 1155)
- Intel® Desktop Core™ Quad core processor (2.6 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® C206

I/O Interface-Front

- 6 x 3.5" external HDD tray
- 4 x USB 2.0 ports
- System status LEDs

I/O Interface-Rear

- AC 100V to 240V input
- 1 x VGA DB-15 connector
- 1 x DVI-D port
- 4 x USB 2.0 ports
- 1 x Speaker-out / 1 x Line-in and 1 x Mic-in
- 2 x COM port

Storage

- 6 x 3.5" SATA HDD driver bay

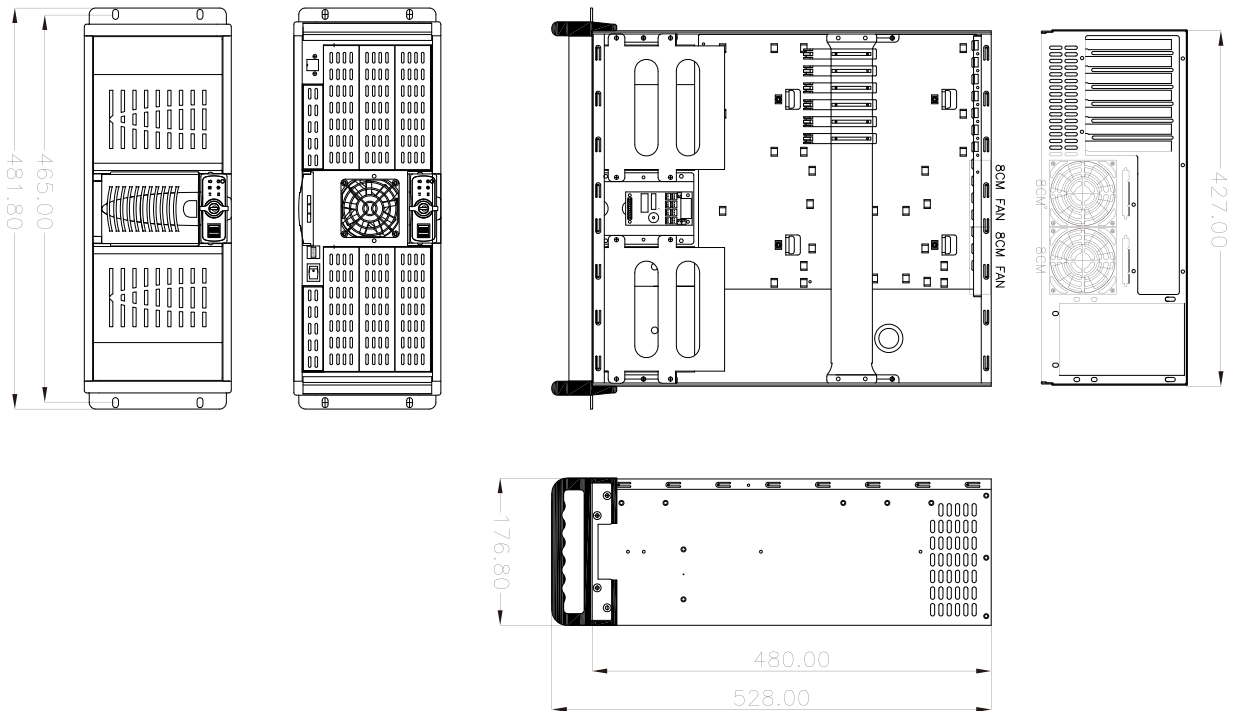
Expansion

- 1 x PCIe X8
- 1 x PCIe X4
- 1 x PCIe X4
- 1 x PCIe X8

Dimensions

- 427mm (W) x 480 mm (D) x 176mm (H)

Block Diagram



Construction

- 4U rackmount, heavy-duty steel chassis

Environment

- Operating temperature:
Ambient with air flow: 0°C- 45°C
(According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -20°C- 70°C
- Relative humidity: 10%- 90% (non-condensing)

Certifications

- CE approval
- FCC Class A

Ordering Information

- **NVis 8490 (P/N: 90C00849000X0) RoHS Compliant**
4U HD CCTV security surveillance system with Intel® Xeon® E3 server/workstation series processor