



## Main Features

- 2U Rackmount Chassis
- Supports Intel® LGA1156 Intel® Desktop Core™ i7/ i5/ i3/ Pentium Processors
- Two DDR3 DIMM Socket, up to 8GB DDR3 800/ 1066 MHz SDRAM
- Dual Intel® Gigabit Ethernet Ports
- 2 x USB2.0 / 1 x VGA
- 2 x 3.5" SATA HDD Bays for External
- 110V- 240V AC Power Input
- Optional 4 Ports PoE
- Optional NVR Software

## Product Overview

The NViS 7281 is a 2U rackmount DVR/ NVR system utilizing Intel® LGA1156 Intel® Desktop Core™ i7/ i5/ i3/ Pentium processors . Moreover, NViS 7281 provides a wide variety of I/O interfaces including two Intel® GbE Ethernet ports, 1x COM ports, 2x USB, and 1 XLCM interface. NViS 7281 is available to meet different customers' demands for various applications along with intelligent program design. In addition, flexile PCI expansion slot for 4 power over Ethernet (PoE) ports for a range of IP surveillance, eases the difficulties of providing different power source for device such IP camera in buses, police cars, and sightseeing buses etc.

## Specifications

### Main Board

- PEAK 876VL2

### CPU Support

- Intel® Desktop Core™ i7/ i5/ i3/ Pentium processors, LGA 1156

### Main Memory

- 2 x 240-pin memory DIMM, up to 8GB DDR3 800/ 1066 MHz SDRAM, un-buffered and non-ECC

### Platform Control Hub

- Intel® Q57

### I/O Interface-Front

- ATX power on/ off switch
- HDD access/ power status LEDs
- 2 x USB2.0 ports
- 1 x COM port
- 4 x 2.5" SATA HDD bays for external
- 1 x LCD module, support 2 x 16 characters
- 2 x PCI slot
- 1 x VGA
- 2 x GbE ports

- 1 x PS/2 keyboard/ mouse

### I/O Interface-Rear

- AC 100V to 240V input

### Device

- 2 x 3.5" SATA HDD driver bay

### Expansion

- 1 x PCI expansion (for optional 4 ports PoE)
- 1 x PCIe x 4

### Dimensions

- TBD

### Construction

- 2U rackmount, heavy-duty steel chassis

### Environment

- Operating temperature:  
Ambient with air flow: 0°C- 40°C  
(According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -20°C- 70°C
- Relative humidity: 10%- 90% (non-condensing)

## Block Diagram

### Certifications

- CE approval
- FCC Class A

### Ordering Information

- **NViS 7281 (P/N: TBD) RoHS Compliant**

2U rackmount, LGA1156, Q57, 2x GbE, 2 x 3.5" SATA HDD, 2x PCI, 1x LCM, 1x COM, AC100- 240V

- **PoE PCI card (P/N: TBD)**

4 ports, IEEE 802.3af compliant, deliver 15.4W per port, 10/100 Ethernet, Auto-Negotiation supported