



Main Features

- 2U Rackmount Chassis
- Supports Intel® LGA775 Core™ 2 Quad/ Core™ 2 Duo/ Celeron® Processors
- Two DDR2 DIMM socket, up to 4GB 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 8 Ports PoE
- Optional NVR Software

Product Overview

The NViS 7280 is a 2U rackmount DVR/ NVR system utilizing Intel® LGA775 Core™ 2 Quad/ Core™ 2 Duo/ Celeron® processors . Moreover, NViS 7280 provides a wide variety of I/O interfaces including two Intel® GbE Ethernet ports, 1x COM ports, 2x USB, and 1xLCM interface. NViS 7280 is available to meet different customers' demands for various applications along with intelligent program design. In addition, flexible PCI expansion slot for 8 powers 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 777VL2

CPU Support

- Supports Intel® LGA775 Core™ 2 Quad/ Core™ 2 Duo/ Celeron® processors
- Intel® Embedded processors list (Intel® Longevity CPU)
- Intel® Core™ 2 Quad processor Q9400
- Intel® Core™ 2 Duo processor E8400 & E7400 & E1500
- Intel® Celeron® 440 processor
- 800/ 1066/ 1333 MHz system bus

Main Memory

- 2x 240-pin memory DIMM, up to 4GB DDR3 800/ 1066 MHz SDRAM, un-buffered and non-ECC
- * Note: Actual memory size is dynamic based on the OS I/O resource allocation

Platform Control Hub

- Intel® G41 Graphics Memory Controller Hub (GMCH)
- Intel® ICH7R I/O Controller Hub

I/O Interface-Front

- ATX power on/off switch
- HDD access/ power status LEDs
- 2 x USB2.0 ports
- 1 x COM port
- 2 x 3.5" SATA HDD bays for external
- 1 x LCD module, support 2 x 16 characters
- 2 x PCI slots
- 1 x PS/2 keyboard/ mouse
- 2 x GbE ports
- 1 x VGA

I/O Interface-Rear

- AC 100V to 240V input

Device

- 2 x 3.5" SATA HDD driver bay

Expansion

- 2 x PCI expansions (for optional 4 ports PoE)

Block Diagram

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)

Certifications

- CE approval
- FCC Class A

Ordering Information

◆ NViS 7280 (P/N: TBD) RoHS Compliant

2U rackmount, G41/ICH7R, 2x GbE, 2 x 3.5" SATA HDD, 2x PCI, 1x LCM, 1x COM, AC 100V- 240V

◆ PoE PCI card (P/N: TBD)

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