NViS 66162

Main Features

- System 2U Desktop
- 12th Gen Intel® Core™ Platform
- HDD 2 bays 3.5"+ 3.5" (support RAID 0,1)
- 1 x NVMe SSD, 1 x M.2 2242 SATA SSD
- Display 1 x DP 1.4, 1 x HDMI 2.0b, 1 x HDMI 1.4

- DDR4 up to 64GB
- 2 x 2.5GbE Intel® Ethernet
- Audio (Line-in/Line-out/Mic)
- 16 x 10/100 PoE (240W max PSE)
- PCIe x16

Product Overview

The NVR NViS 66162 is equipped with 12th Gen Intel® Core™ Processor Series, with up to 16 Cores; 8 Performance-cores and 8 Efficient-cores. The Performance-cores provide basic frequency of 2.4GHz and a max turbo frequency of 5.0GHz. Whereas, its Efficient-cores support basic frequency of 1.8GHz and a max turbo frequency of 3.8GHz. This NVR carry up to 64GB DDR4 3200MHz of memory, along with DP 1.4, HDMI 2.0b, and HDMI 1.4, utilizing Intel® UHD graphics 770 for real-time display. Moreover, NViS 66162 provides high quality digital stream recording with two 3.5" HDD supporting raid 0,1, and an integrated SSD for both NVMe and M.2 interfaces. This device has a wide variety of display I/O configurations, including two Intel® 2.5 GbE ports, two USB 2.0, four USB 3.2 Gen1, audio interfaces. For megapixel IP cameras' compatibility, there are 16 channels with 16 ports of 10/100 PoE for 802.3af and 8 ports for 802.3at. Finally, for stream accelerator support or AI application demands, there is an option to add full length PCIe cards.

Specifications

CPU
- Intel® Core™ i9-12900E/i7-12700E/i5-12500E/i3-12100E

Memory
- 2 x DDR4 SO-DIMM Non-ECC support up to 64G

Platform Control Hub
- Intel® Q670E

I/O Interface-Front
- 2 x Hot swappable 3.5" HDD bays
- 2 x USB 2.0 Type-A (per port output max 500mA)

I/O Interface-Rear
- 4 x USB 3.2 Gen1, Type-A (per port output max 900mA)
- 1 x DP 1.4 (8K @ 30Hz)
- 1 x HDMI 2.0b (4K @ 60Hz)
- 1 x HDMI 1.4 (4K @ 24Hz)
- 1 x Audio port (Line-in/Line-out/Mic)
- 2 x RJ45 LAN (2 x 2.5GbE)
- 1 x 4DI/2DO GPIO terminal block (optional)

Expansions
- 2 x PCIe by 16 slots, support x16 lanes (riser slot could be compatible one x16 or two x8)

Storage
- Hot swappable 3.5" HDD x 2
- M.2 2280 Key M support NVMe Gen4
- M.2 2242 Key B support SATA3

Power Input
- Single PSU 600W

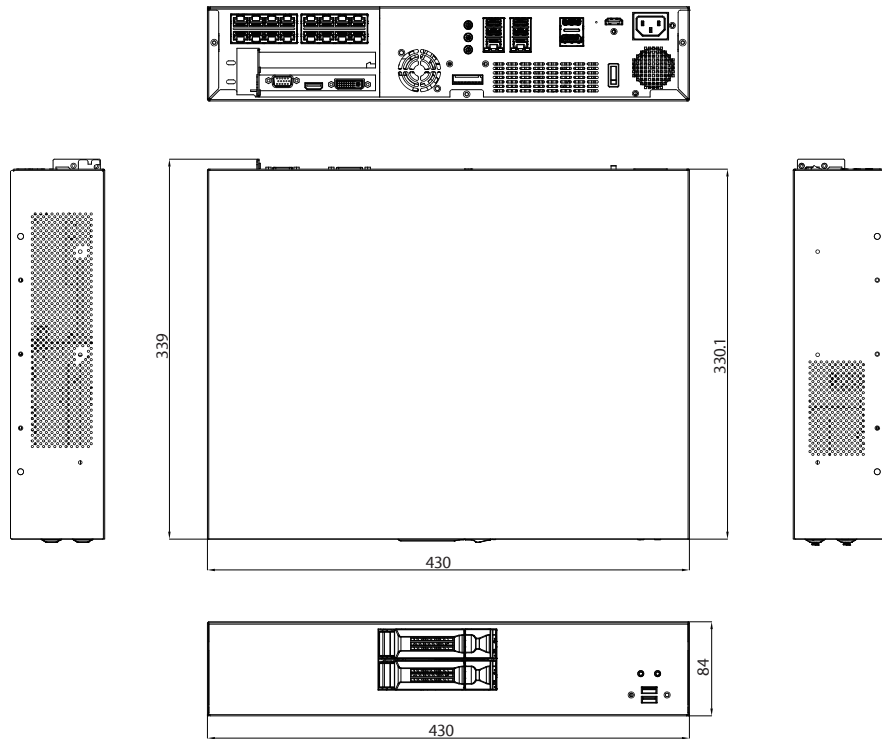### Dimensions
- 430mm (W) x 84mm (H) x 330mm (D)

Environment
- Operating temperature: Ambient with air flow: 0°C ~ 40°C
- Storage temperature: -20°C ~ 70°C
- Relative humidity: 0% ~ 90% (non-condensing)

Certifications
- CE approval
- FCC Class A
- UL compliance

NEXCOM

Dimension Drawing

Ordering Information

- **NViS 66162 (P/N: 10C00661600X0)**
  2U desktop NVR with 16 port built-in PoE