

NUVO-3600VR -SERIES INDUSTRIAL COMPUTERS

End-of-Life 07/2019

NUVO-3616VR-I7QC

Nuvo-3616VR Intel® Core™ i7-3610QE, 16x PoE+



- Intel® 3rd Gen. Core™ processor
- 8x/16x IEEE 802.3at (25.5W) PoE+ ports
- 4x 2.5" SATA HDD - RAID 0/1/5/10
- Wide temperature-range -25°C ... +60°C

PRODUCT DESCRIPTION

Nuvo-3616VR is a surveillance platform that features 16 PoE+ ports, i7 CPU and RAID in a compact, fanless chassis. It is designed to meet requirements of a stationary or mobile surveillance system and is capable not only for video recording but also high-end video analytic purposes. A typical surveillance system uses a NVR to connect IP cameras and record video streams on its disk array. Similar to a NVR, Nuvo-3616VR features 16 PoE+ ports and built-in disk array for video recording. Each of its 802.3at PoE+ ports can supply 25.5W to power a bullet, dome or PTZ camera.

Nuvo-3616VR can also accommodate 4 hard drives with RAID support. Not your typical off-the-shelf NVR, Nuvo-3616VR comes with a quad-core i7 CPU to offer exceptional computing performance to facilitate advanced video analytics algorithms.

Nuvo-3616VR inherits Neosys' proven fanless architecture to ensure true wide-temperature operation. Two of its four 2.5" drives come with Neosys' patented easy-swap trays for simple HDD/ SSD replacement. Nuvo-3616VR also features 8~35V wide-range DC input and ignition control for stationary or in-vehicle usage. Combining numerous PoE+ ports, RAID storage and superb computing power, Nuvo-3616VR opens a new page for surveillance applications!

Features:

- Intel® 3rd-Gen i7 quad-core processor
- Up to 16x IEEE 802.3at (25.5W) PoE+ ports
- Rugged, -25 °C to 60 °C fanless operation
- Four 2.5" SATA HDDs with RAID 0/ 1/ 5/ 10 support
- Patented easy-swap trays* for HDD replacement
- 8~35V wide-range DC input with built-in ignition power control
- Per-port power on/ off control for each PoE+ port

SPECIFICATIONS

Chipset	Intel® QM77
Depth	255 mm
GPU	Intel® HD Graphics 4000
Height	70 mm
Memory RAM	16 GB
Processor	Intel® Core™ i7-3610QE (2.3/3.3 GHz, 6 MB cache)
Shock Resistance	50 Grms (IEC60068-2-27)
Supply Voltage DC Max	35 V DC
Supply Voltage DC Min	8 V DC

Temperature range bearing, from	-40 °C
Temperature range bearing, to	85 °C
Temperature range from	-25 °C
Temperature range to	60 °C
Weight	5 kg
Vibration Resistance	5 Grms (IEC60068-2-64)
Width	240 mm