

## 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

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

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

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