

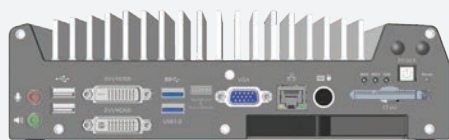
Nuvo-3616VR

Intel® 3rd-Gen Core™ i7/i5 Fanless Surveillance System with 16x 802.3at PoE ports and dual 2.5" SATA HDDs

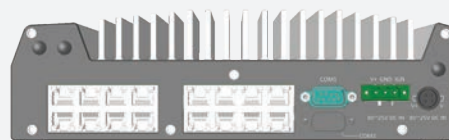
Features



- Intel® 3rd-Gen i7 Quad-core superb performance
- 16x IEEE 802.3at (25.5W) PoE ports
- Rugged, -25 °C to 60 °C fanless operation
- Dual 2.5" SATA ports including one hot-swappable HDD tray with RAID support
- 8~35 VDC wide-range DC input with built-in ignition power control
- Per-port power on/off control for each PoE port



Front



Back

Nuvo-3616VR Specifications

System Core		Power Supply & Ignition Control	
Processor	Intel® Core™ i7-3610QE (2.3/3.3 GHz, 6 MB cache) Intel® Core™ i5-3610ME (2.7/3.3 GHz, 3 MB cache)	DC Input	1x 4-pin power connector for 8~35V DC input (for AC adapter) 1x 3-pin pluggable terminal block for 8~35V DC input (for direct DC wiring)
Chipset	Intel® QM77 Platform Controller Hub with AMT & RAID support	Ignition Control	Ignition power control with configurable on/off delay (V+/GND/IGN)
Graphics	Integrated Intel® HD Graphics 4000 Controller	Remote Ctrl. & Status Output	1x 10-pin (2x5) wafer connector for remote on/off control and status LED output
Memory	2x 204-pin SO-DIMM sockets, up to 16 GB DDR3 1333/1600 MHz SDRAM		
I/O Interface		Mechanical	
Gigabit Ethernet	1x Gigabit Ethernet ports by Intel® 82579LM	Dimension	240 mm (W) x 240 mm (D) x 70 mm (H)
PoE	16x IEEE 802.3at (25.5W) PoE Ports with per-port power on/off control	Weight	4.5kg
Video Port	1x DB-15 connector for analog RGB, supporting 2048x1536 resolution 2x DVI-D connectors for DVI/HDMI outputs, supporting 1920x1080 (DVI/HDMI) resolution (Supporting dual independent display outputs)	Mounting	Wall-mounting (Standard) or DIN-Rail mounting (optional)
USB	2x USB 3.0 ports and 2x USB 2.0 ports	Environmental	
Serial Port	1x software-programmable RS-232/422/485 (COM1) 1x RS-232 via internal pin-header (COM2)	Operating Temperature	-25°C ~ 60°C */**
KB/MS	1x 6-pin mini-DIN connector for PS/2 keyboard/mouse	Storage Temperature	-40°C ~85°C
Audio	1x mic-in and 1x speaker-out	Humidity	10%~90% , non-condensing
Storage Interface		Vibration	Operating, 5 Grms, 5-500 Hz, 3 Axes (w/ SSD, according to IEC60068-2-64)
SATA HDD	1x Internal SATA port for 2.5" HDD/SSD installation 1x Hot-swappable HDD tray for 2.5" HDD/SSD installation	Shock	Operating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)
CFast	1x CFast socket	EMC	CE/FCC Class A, according to EN 55022 & EN 55024
Mini PCI-E	1x internal mini PCI Express socket with USIM socket 1x internal mini PCI Express socket	* 100% CPU loading is applied using Intel® Thermal Analysis Tool. For detail testing criteria, please contact Neousys Technology. ** For sub-zero operating temperature, a wide temperature HDD drive or Solid State Disk (SSD) is required.	