NUVO-5000E/P -SERIES INDUSTRIAL COMPUTERS

N5002P-I5
Nuvo-5002P Intel® Core™ i5-6500, PCI

- Intel® 6th Gen. Core™ processor
- Compact design, fanless operation
- Optional PCI/PCIe add-on card accommodation
- Up to 6 GigE-ports, 4 of which PoE supported

PRODUCT DESCRIPTION

Integrating cutting-edge technologies, Nuvo-5000 is Neousys' next-generation rugged fanless embedded controller with performance and versatility. It supports socket-type 6th-Gen Core™ processors so one can choose a CPU according to application performance needs while Neousys' efficient heat-dissipating design offers true -25°C to 70°C wide temperature range operation

With plenty of embedded I/O functions for applications including Gigabit Ethernet, USB3.0/ USB2.0, COM ports, VGA/DVI/DP triple display outputs and if that's not enough, Neousys' patented Cassette offers I/O expansion by installing an off-the-shelf PCIe/PCI card.

On top of all that, Nuvo-5000 further incorporates Neousys MezIO™ interface. The patented design enhances Neousys' fanless embedded system with a cost-effective and reliable way for I/O expansion. The MezIO™ module can deliver application-oriented functions for diversified vertical markets.

Neousys Nuvo-5000 features 6th-Gen Intel® CPU, patented Cassette and MezIO™ to create a powerful and yet diverse controller for all your industrial application needs!
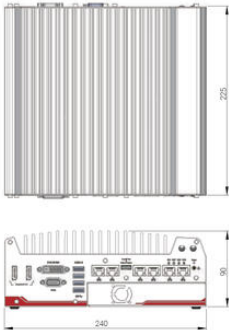
Features:

- Supports Intel® 6th Gen Core™ i7/i5/i3 35W/65W LGA1151 CPU
- Patented Cassette for PCI/PCIe add-on card accommodation (* R.O.C Patent No. M456527)
- MezIO™ interface for easy function expansion
- Rugged, wide temperature range from -25°C to 70°C fanless operation
- Up to 6x GigE ports, supporting 9.5 KB jumbo frame
- Up to 32 GB, DDR4-2133 SODIMM
- Accommodates two 2.5" SATA HDD/SSD with RAID 0/1
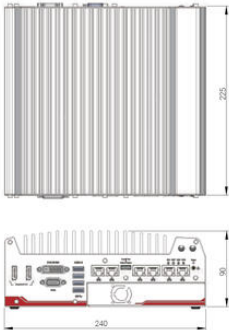- VGA/DVI/DP triple independent display, supporting 4K2K

SPECIFICATIONS

AMT	Intel® AMT 11
Chipset	Intel® Q170 Plattform Controller Hub
DC Input	1x 3-pin terminal block
Depth	240 mm
Height	90 mm
Memory RAM	32 GB
Processor	Intel® Core™ i5-6500 (6M Cache, 3,2/3,6 GHz, 65 W)
Remote Control	Yes
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	70 °C
TPM	TPM 2.0
Weight	4.4 kg
Vibration Resistance	5 grms, 5-500 Hz, 3 axes (with SSD, according to IEC60068-2-64)
Width	225 mm

Unit : mm

Unit : mm