

NUVO-5000E/P -SERIES INDUSTRIAL COMPUTERS

N5002E-I3

Nuvo-5002E Intel® Core™ i3-6100, PCIe



- 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 Neosys' 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 Neosys' 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, Neosys' patented Cassette offers I/O expansion by installing an off-the-shelf PCIe/PCI card.

On top of all that, Nuvo-5000 further incorporates Neosys MezIO™ interface. The patented design enhances Neosys' 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.

Neosys 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!

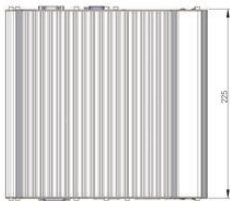
Features:

- 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

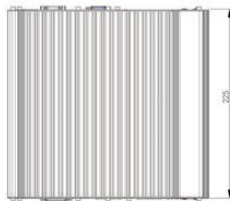
SPECIFICATIONS

| | |
|-------------------------|--|
| AMT | Intel® AMT 11 |
| Chipset | Intel® Q170 Platform Controller Hub |
| DC Input | 1x 3-pin terminal block |
| Depth | 240 mm |
| Height | 90 mm |
| Memory RAM | 32 GB |
| Processor | Intel® Core™ i3-6100 (4M Cache, 3,7 GHz, 51 W) |
| Remote Control | Yes |
| Shock Resistance | 50 Grms (IEC60068-2-27) |

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|---------------------------------|---|
| 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

