

## NUVO-4000 SERIES INDUSTRIAL COMPUTERS

NUVO-4022-I5DC

Nuvo-4022 Intel® Core™ i5-3610ME, 1x PCIe x16, 1x PCIe x4, 2x PCI

- Intel® 3rd Gen. Core™ processor
- 2. sukupolven PCI Express jopa 6 GB/s tiedonsiirtokaistalla
- 4 x PCI teollisuusautomaation ja mittalaitteiden kytkemiseksi
- 2 x Gigabit Ethernet
- 3x RS-232/422/485 COM, 2x programmable



### PRODUCT DESCRIPTION

Nuvo-4000 is a high-performance box pc with fanless design and small footprint. It incorporates Intel® 3rd-Gen i7/i5 processor to offer extraordinary computing power, and fanless architecture to offer reliable operation in various environments.

The 4-slot expandability makes Nuvo-4000 very versatile. Its two Gen2 PCI Express slots delivers a total of 6 GB/s bandwidth for applications demanding high-speed data transmission. A notable 48W power budget is dedicatedly supplied to the x16 PCIe slot for powering a high-watt PCIe card (e.g. a graphics card). Nuvo-4000 also has PCI slots to accommodate up to 4 PCI cards for general industrial automation and test & measurement applications.

Nuvo-4000 features the smallest foot-print for a fanless embedded computer with four expansion slots. It supports ample I/O interfaces for communication/control purpose, and implements DVI+DVI+VGA triple independent display outputs video/image related applications. An option of smart fan is available for better operating reliability when high-watt cards installed.

The combination of high performance, small foot-print and versatility makes Nuvo-4000 not only an ideal application platform, but also a great replacement of traditional rack-mount or wall-mount IPC.

Features:

- Intel® 3rd-Gen i7 Quad-core superb performance
- Four slots expansion capacity
  - x16 and x4 PCI Express slot
  - Up to four PCI slots
- 16.4 cm x 17.8 cm x 22.5 cm compact foot-print
- Rugged, wide temperature range from -25 °C to 60 °C fanless operation
- DVI+DVI+VGA triple independent display outputs
- One CFast socket and two SATA ports
- Smart-fan option and on-board isolated DIO option available

### SPECIFICATIONS

<b>Chipset</b>	Intel® HM76 Platform Controller Hub
<b>DC Input</b>	1x 4-pin plug
<b>Depth</b>	225 mm

<b>GPU</b>	Intel® HD-Graphics 4000
<b>Height</b>	178 mm
<b>Memory RAM</b>	16 GB
<b>Power consumption</b>	66,12 W (3,48 A @ 19 V)
<b>Processor</b>	Intel® Core™ i5-3610ME (2.7/3.3 GHz, 3 MB cache)
<b>Shock Resistance</b>	500 g according to IEC 60068-2-27
<b>Supply Voltage DC Max</b>	25 V DC
<b>Supply Voltage DC Min</b>	8 V DC
<b>Temperature range bearing, from</b>	-40 °C
<b>Temperature range bearing, to</b>	85 °C
<b>Temperature range from</b>	-20 °C
<b>Temperature range to</b>	60 °C
<b>Weight</b>	4 kg
<b>Vibration Resistance</b>	10 g according to IEC 60068-2-6
<b>Width</b>	164 mm