NUVO-5095GC -SERIES INDUSTRIAL COMPUTERS

N5095GC-I7
Nuvo-5095GC Intel® Core™ i7-6700

- Intel® 6th Gen. Core™ processor
- GPU support: up to 75W cards
- MezIO™-interface for function expansion
- Up to 32GB of memory and 2x SATA 2,5" sockets

PRODUCT DESCRIPTION

Nuvo-5095GC opens a new chapter for industrial computers. As the first embedded controller targeted at emerging applications of CUDA computing, Autonomous, Edge AI inference and virtual reality, Nuvo-5095GC has all the features required for a compact, reliable and powerful edge AI GPU computing platform.

Supporting 75W nVidia® GPU, Nuvo-5095GC possesses 768 CUDA cores to deliver tremendous computing power for arithmetic/graphics operations. Neousys' patented Cassette technology and an innovative thermal design help to effectively dissipate heat generated by the GPU, thus making this compact system capable of operating reliably at 60°C under 100% GPU load.

Nuvo-5095GC is based on Intel® Skylake platform, supporting 35W/65W 6th-Gen ® Core™ processors and up to 32GB of DDR4 memory. It offers rich I/O functions, such as GbE, USB 3.0 and COM ports to connect to external devices. All these features are integrated into a compact, 240 x 225 x 110 mm footprint. For fast-growing GPU-computing applications, Nuvo-5095GC presents the first industrial-grade, compact and rugged platform incorporating CPU and GPU to offer performances far beyond traditional industrial computers.
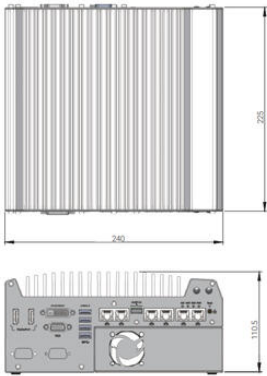
Features:

- Supports nVidia® GPU with up to 75W TDP
- Patented thermal design to allow -25°C to 60°C wide temperature range operation
- Supports 6th-Gen Intel® Core™ i7/i5 LGA1151 CPU
- 6x Gigabit Ethenet ports
- Supports 9.5 kB jumbo frame
- Up to 32 GB, DDR4-2133 SODIMM
- 240 mm x 225 mm x 111 mm compact footprint
- Compatible with MezIO™ interface for function expansion
- Accommodates two 2.5" SATA HDD/SSD with RAID 0/1 support
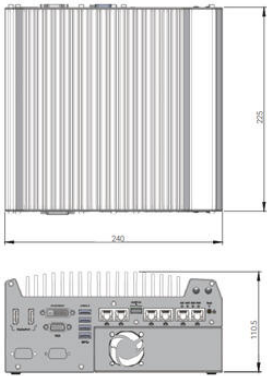- Patented ventilation hole* for graphic card

SPECIFICATIONS

AMT	Intel AMT 11.0
Chipset	Intel® Q170 Platform Controller Hub
DC Input	1x 3-pin terminal plug
Depth	240 mm
Height	111 mm
Memory RAM	32 GB
Processor	Intel® Core™ i7-6700 (8M Cache,3.4/4.0 GHz, 65W TDP)

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	4.8 kg
Vibration Resistance	5 grms, 5-500 Hz, 3 axes (with SSD, according to IEC60068-2-64)
Width	225 mm

Unit : mm

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