

## NUVO-8208GC

New!

N8208GC-I7  
Nuvo-8208GC Intel® Core™ i7-8700

- Intel® Xeon® E / 8th Gen. Core™ processors
- GPU support: two up to 250W cards
- 5 PCI Express slots in total
- Up to 128GB ECC/non-ECC RAM



### PRODUCT DESCRIPTION

Nuvo-8208GC is the world's first dual GPU edge AI computing platform with industrial-grade design and in-vehicle features. Designed specifically to support two highend 250W NVIDIA® graphics cards, it offers tremendous GPU power up to 28 TFLOPS in FP32 for emerging GPU-accelerated edge AI computing, such as autonomous driving, vision inspection and surveillance/ security.

Nuvo-8208GC is powered by Intel® Xeon® E or 8th-Gen Core™ 6-core/ 12-thread CPUs coupled with workstation-grade Intel® C246 chipset to support up to 128 GB ECC or non-ECC DDR4 memory. The system incorporates two hot-swappable 2.5" trays for easy HDD/ SSD replacement and an M.2 2280 NVMe socket for the ultimate disk performance. Its front-accessible GbE and USB 3.1 Gen1/ Gen2 ports feature screw-lock mechanisms for securing cable connections. In addition to the dual x16 PCIe slots for GPU installation, Nuvo-8208GC has two other x8 PCIe slots and one x4 PCIe slot for expansion cards to extend function sets like data collection, analytics and communication.

Nuvo-8208GC has a brand new power delivery design to accept 8~35V wide-range DC input and to handle heavy power requirements from dual 250W GPUs. Along with built-in ignition control, it's feasible to deploy it on a vehicle and directly power it via the car's power system. Mechanical wise, Nuvo-8208GC incorporates Neousys' patented heat dissipation design\*, damping brackets\* and patent-pending GPU press bar, making it steady and rock-solid in various conditions.

The Nuvo-8208GC is Neousys' response to the never-ending demand of TFLOPS in industrial GPU platforms. With industrial-grade power, thermal and mechanical design, it pushes versatile edge AI inference applications from laboratories to field applications, where reliability matters.

### SPECIFICATIONS

<b>12834_Computertype</b>	Edge
<b>AMT</b>	12.0
<b>Chipset</b>	Intel® C246 platform controller hub
<b>Depth</b>	360 mm
<b>GPU</b>	Yes
<b>Height</b>	186 mm
<b>Memory RAM</b>	128 GB
<b>Processor</b>	Intel® Core™ i7-8700
<b>Remote Control</b>	No

<b>Supply Voltage DC Max</b>	35 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>	-25 °C
<b>Temperature range to</b>	60 °C
<b>TPM</b>	TPM 2.0
<b>Weight</b>	8.6 kg
<b>Width</b>	235 mm