NUVO-7000E/P/DE -SERIES INDUSTRIAL COMPUTERS

N7002E-I3
Nuvo-7002E Intel® Core™ i3-8100, PCI Express



- Intel® 8th Gen. Core™ processor
- PCI/PCI Express socket
- 2x GigE tai 6x GigE, optional 4x PoE+
- 4x USB 3.1 Gen2 + 4x USB 3.1 Gen1
- M.2 2280 NVME/Optane socket

PRODUCT DESCRIPTION

Introducing Neousys Technology's 2018 flagship rugged fanless embedded computers, the new Nuvo-7000LP series, powered by Intel® 8th-Gen Core™ i processors with up to 6-core/ 12-thread architecture that offer a significant performance improvement over previous 6th or 7th-Gen platforms.

Nuvo-7000LP series is a derivative of Nuvo-7000 series that features the same level of ruggedness and versatility in a 79mm low-profile chassis. In addition to effective fanless design, proprietary MezIO™ interface and plethora of on-board I/O interfaces, Nuvo-7000LP series features one front-accessible, hot-swappable HDD/ SSD tray which can be configured as RAID 0/1 when combined with the internal SATA port. It also leverages cutting-edge M.2 NVMe SSD technology for over 2000MB/s disk read/ write speed, or install an Intel® Optane™ memory for the ultimate system acceleration.

Neousys Nuvo-7000LP series consolidates the latest Intel hexa-core CPU, high-speed I/O interfaces, super-fast disk access and flexible storage configuration to form a high-performance ruggedized embedded computer. In addition, you can also take advantage of the built-in MezIO™ interface to add on modules for application-specific I/Os.

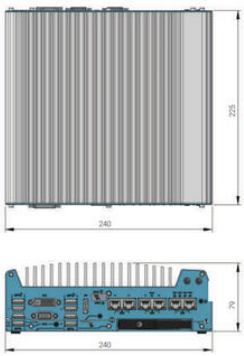
Features:

- Intel® 8th-Gen Core™ i hexa-core 35W/ 65W LGA1151 CPU
- Low-profile chassis with hot-swappable 2.5" HDD/ SSD tray
- 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
- M.2 2280 M key socket (Gen3 x4) supporting NVMe SSD or Intel® Optane™ memory
- 4x USB 3.1 Gen2 ports and 4x USB 3.1 Gen1 ports
- VGA/DVI/DP triple independent display, supporting 4K2K resolution

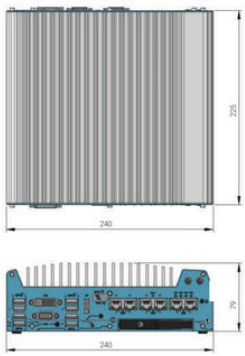
SPECIFICATIONS

12834_Computertype	Industrial
AMT	Intel AMT 12
Chipset	Intel Q370 Platform Controller Hub
DC Input	1x 3-pin plug
Depth	225 mm
Height	90 mm
Memory RAM	32 GB
Processor	Intel® Core™ i3-8100

Remote Control	Yes
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	3.58 kg
Width	240 mm



Unit : mm



Unit : mm