NUVO-5000LP -SERIES INDUSTRIAL COMPUTERS

N5002LP-I7TE
NEOU 5002LP I7TE

NEOUSYS TECHNOLOGY

- Intel® 6th Gen. Core™ processor
- Low profile compact desgin
- 1x HotSwap and 1x fixed 2.5" HDD/SSD
- Up to 6 GigE-ports, 4 of which PoE supported

PRODUCT DESCRIPTION

Nuvo-5002LP/5006LP is the low-profile version of Nuvo-5000 family. It features a low-profile chassis, which reduces its height to 77 mm, and remains extraordinary 25°C to 70°C operating temperature. For those demanding varied computing power, Nuvo-5002LP/5006LP supports socket-type CPU for flexible CPU installation. You can choose Intel® 6th Gen Core™ i7/i5/i3, from 35W to 65W TDP, according to your performance consideration and operating environment.

Nuvo-5002LP/5006LP fanless embedded computer inherits comprehensive I/O functions, such as GbE, USB3/USB2, COM and VGA/DVI/DP, from Nuvo-5000E/P. It also incorporates Neousys' MezIO™ interface for further I/O expansion. By installing optional MezIO™ module, Nuvo-5002LP/5006LP turns immediately from a typical embedded controller to a ruggedized application platform including 11x COM ports, 32 DIO channels, ignition power control, or your customized application-specific I/O.
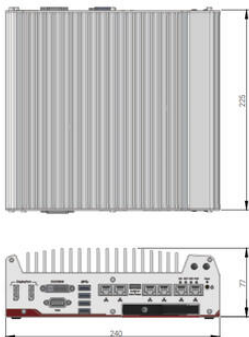
Features:

- Intel® 6th Gen Core™ i7/i5/i3 35W/65W socket-type CPU
- 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
- One hot-swappable 2.5" HDD/SSD and one fixed 2.5" HDD/SSD, supporting RAID 0/1
- Accommodates two 2.5" SATA HDD/SSD with RAID 0/1
- VGA/DVI/DP triple independent display, supporting 4K2K
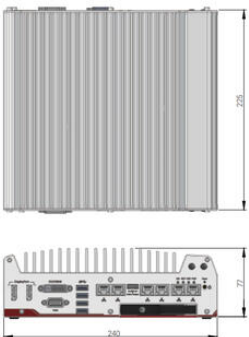- 77 mm low-profile design

SPECIFICATIONS

AMT	Intel® AMT 11
Chipset	Intel® Q170 Plattform Controller Hub
DC Input	1x 3-pin terminal block
Depth	240 mm
Height	77 mm
Memory RAM	32 GB
Processor	Intel® Core™ i7-6700TE (8M Cache, 2,4/3,4 GHz, 35 W)
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	3.1 kg
Vibration Resistance	5 grms, 5-500 Hz, 3 axes (with SSD, according to IEC60068-2-64)
Width	225 mm