

## NUVO-5501 -SERIES INDUSTRIAL COMPUTERS

N5501-G3900-DIO

Nuvo 5501 Intel® Celeron-3900TE + digital I/O

- Intel® 6th Gen. Core™ processor
- Extremely compact design
- 3x GigE and 4x USB 3.0
- 8-CH isolated DI and 8-CH isolated DO (optional)



### PRODUCT DESCRIPTION

Nuvo-5501 series features compact fanless embedded computer for the cost and space conscious. Based on Intel® Skylake platform, it is designed to provide cutting-edge performance and reliable operation in extreme environment. Its LGA 1151 socket offers users the flexibility to select a 35W CPU from 6th-Gen Intel® Core™ i to Celeron® lineup to suit application needs.

Nuvo-5501 is the most compact fanless embedded controller supporting Skylake LGA 1151 socket CPUs, measuring just 221 x 173 x 76 mm, it is easy to deploy in restricted spaces. In its compact enclosure, Nuvo-5501 features rich, front-accessible I/Os including 3x GbE, 4x USB 3.0 and 4x COM ports. There is even enough room for a 3.5" HDD compatible with the latest storage capacities.

The compact Nuvo-5501 is a cost-effective solution that does not compromise on performance and reliability, making it the ideal embedded controller for various industrial applications.

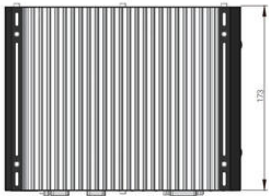
#### Features:

- Compact 221 x 173 x 76 mm footprint
- Supports Intel® 6th-Gen Core™ i7/ i5/ i3 LGA 1151 socket CPU
- Rugged, -25°C to 70°C fanless operation
- 3x GbE and 4x USB 3.0 ports
- 2x RS-232/ 422/ 485 ports and 2x RS-232 ports
- VGA + DVI dual display outputs
- Accommodates one 3.5" HDD or 2.5" HDD/ SSD
- Optional 8-CH isolated DI and 8-CH isolated DO

### SPECIFICATIONS

Chipset	Intel® Q170 Platform Controller Hub
DC Input	1x 3-pin terminal block
Depth	173 mm
Height	76 mm
Memory RAM	16 GB
Processor	Intel Celeron G3900TE (2M Cache, 2.3 GHz, 35W 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	2.8 kg
Vibration Resistance	5 grms, 5-500 Hz, 3 axes (with SSD, according to IEC60068-2-64)
Width	221 mm



Unit: mm

