NUVO-5501 -SERIES INDUSTRIAL COMPUTERS

N5501-I7-DIO
Nuvo 5501 Intel® Core i7-6700TE + 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.
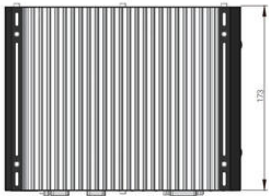
Features:

- 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 Plattform Controller Hub
DC Input	1x 3-pin terminal block
Depth	173 mm
Height	76 mm
Memory RAM	16 GB
Processor	Intel Core™ i7-6700TE (8M Cache, 2.4/ 3.4 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