

## POC-300 ULTRA-COMPACT INDUSTRIAL-GRADE COMPUTER

POC-300

Intel® Atom™ E3950 Quad-core, 2x GigE PoE, 1x GigE

- New generation Intel Apollo Lake architecture
- DIN-rail mounting
- Wide temperature range -25...+70 °C
- 3x GigE, 2x USB3.0, 2x USB2.0



### PRODUCT DESCRIPTION

Experience the giant leap in performance of Intel® Apollo Lake Pentium® and Atom™ platform! POC-300 series features the latest Pentium® N4200 and Atom™ x7-E3950 quad-core processors which offers up to 1.5 times the CPU performance and 3 times the GPU performance improvement compared to previous generation Atom™ E3845 CPU.

POC-300 series has an ingenious mechanical design that combines DIN-rail mounting chassis with front-accessible I/O in one ultra-compact enclosure. It has rich computer-like I/Os such as GbE, USB 3.0/2.0, COM ports and mSATA storage in a compact footprint that measures just 5.6 x 15 x 11 cm. IEEE 802.3at PoE+ function is also available on 2 of the 3 GbE ports to power cameras for machine vision or surveillance applications. POC-300 series features Neosys' MeziO™ interface for easy function expansion via versatile MeziO™ modules.

With Neosys' proven fanless design heritage, the POC-300 series thrives in harsh environments. Featuring rich I/Os, advanced CPU and compact size, POC-300 is a compelling fanless embedded controller beneficial for various industrial applications.

Product highlights:

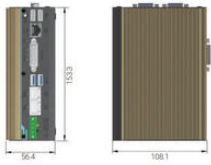
- Intel® Apollo Lake Pentium® N4200 and Atom™ E3950 quad-core processor
- Fanless and rugged, wide temperature operation (-25 °C to 70 °C)
- One GbE port and two Gigabit PoE+ ports
- Two USB 3.0 and two USB 2.0 ports
- DVI + VGA dual display outputs
- Front I/O access DIN-mounting design
- MeziO™ compatible

### SPECIFICATIONS

<b>Depth</b>	108 mm
<b>Height</b>	153 mm
<b>Memory RAM</b>	8 GB
<b>Processor</b>	Intel Atom E3950 1.6/2.0 GHz quad-core processor
<b>Shock Resistance</b>	50 Grms (IEC60068-2-27)
<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>	70 °C
<b>Weight</b>	1,1 kg
<b>Vibration Resistance</b>	5 Grms (IEC60068-2-64)
<b>Width</b>	56 mm

Unit : mm



Unit : mm

