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 Neousys' MezIO™ interface for easy function expansion via versatile MezIO™ modules.

With Neousys' 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

12834_Computertype	Industrial, Ultracompact
Depth	108 mm
Height	153 mm
Memory RAM	8 GB
Processor	Intel Atom E3950 1.6/2.0 GHz quad-core processor
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
Weight	1.1 kg
Vibration Resistance	5 Grms (IEC60068-2-64)
Width	56 mm

Unit : mm

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