POC-120 SERIES INDUSTRIAL-GRADE COMPUTER

POC-120
Intel Atom E3826, height 34mm

- Low profile and ultra-compact, 15x10x3,4 cm
- Intel Atom E3826 processor
- Wide temperature range -25...+70 °C

PRODUCT DESCRIPTION

Introducing the latest member of Neousys' ultra-compact POC family! POC-120 is a low-cost, entry-level fanless embedded computer with yet more compact dimension. It further reduces its height to 3.4 cm to have a very low-profile chassis for restricted space. POC-120 incorporates Intel® Atom™ E3826 dual-core processor to deliver adequate computing performance. It provides general I/O, such as GigE ports, COM ports and USB3/USB2 ports, for most embedded applications. Instead traditional HDD, POC-120 supports mSATA SSD to ensure reliable disk access in harsh environments.

POC-120 reserves internally a high-speed interface for I/O expansion. By customizing a mezzanine board, you can have versatile I/O functions. This makes POC-120 not only an ultra-compact controller, but also a tailor-made embedded system for your specific application. Please contact Neousys for POC-120 OEM/ODM projects

Product highlights:

- Low-profile, Ultra-compact 15cm x 10cm x 3.4cm footprint
- Intel® Atom™ E3826 1.46GHz dual-core processor
- Rugged, wide temperature range from -25°C to 70°C fanless operation
- Two GigE ports and three USB ports
- One RS-232/422/485 port and one RS-232 port
- I/O expansion interface for ODM projects

SPECIFICATIONS

DC Input	8-35 V DC
Depth	149 mm
Height	34 mm
Memory RAM	8 GB
Processor	Intel® Atom™ E3826 1,46 GHz dual-core processor
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	0.9 kg
Width	105 mm