NEOUSYS
TECHNOLOGY

POC-200 ULTRA-COMPACT INDUSTRIAL-GRADE COMPUTER
POC-200
NEOU POC-200

- Ultra-compcat design, 149x105x58 mm
- High-powered Intel Atom Bay Trail Quad-core processor
- Wide temperature range -20...+70 °C

PRODUCT DESCRIPTION

POC-200 is a breakthrough of Neousys' ultra-compact fanless embedded computer series. Inheriting the concept of favorable POC-100, POC-200 series further incorporates greater computing power and more versatile functions in its 3.5" HDD footprint.

The new Intel® Atom™ Bay Trail processor brings a leaping for both arithmetic and graphics performance. With Atom™ E3845 quad-core processor, POC-200 can deliver more than 200% performance over previous D525/D2550 platform. It also feature comprehensive I/O interfaces to make use of the advance of computing power. Two Gigabit Ethernet and three USB 3.0 ports are integrated so you can connect GigE/USB3 cameras for vision applications. Its IEEE 802.3at PoE+ option is capable to supply 25.5W each port to power you IP camera for mobile surveillance applications. POC-200 also features up to four COM ports and digital I/O for general-purpose industrial applications.

Size is another attractive feature of POC-200. Its 6"x4" footprint makes installation of POC-200 extremely easy. And its -25°C to 70°C operating temperature eliminates the restriction for deployment environment. Neousys provides derivative models with different CPU and I/O configuration so you can always find a fit POC-200 for your application.

Product highlights:

- Ultra-compact 150 mm x 100 mm foot-print
- Intel® Atom™ E3845 1.91GHz Quad-core processor
- Rugged, wide temperature range from -25°C to 70°C fanless operation
- Two 802.3at (25.5W) Gigabit PoE ports
- Three USB 3.0 ports
- Standard 2.5" SATA HDD/SSD accommodation and optional on-board eMMC
- Up to two RS-232/422/485 ports and two RS-232 ports

SPECIFICATIONS

Depth	149 mm
Height	57 mm
Memory RAM	8 GB
Power supply	2-pin plug
Processor	Intel® Atom™ E3845
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	10 g according to IEC 60068-2-6
Width	105 mm