

OBA-N106NX/3700

PC Compacto Intel® Celeron® 1.6GHz 4 Seriais, HDMI, DVI e DP, 4xUSB 3.0

O OBA-N106NX/3700 é um PC Compacto Industrial indicado para ambientes hostis, com excelente desempenho através de seu processador Intel® Celeron®, uma alternativa de computação inteligente, IoT e industrial. Aceita até 4GB de memória RAM, com temperatura de operação de -5 a 55 °C e entrada de alimentação DC 9 a 30 volts. Disponibiliza slot Mini PCIe, 4 saídas seriais, sendo muito aplicado como controlador de chão-de-fábrica e gateway.

Características:

- Processador on-board Intel® Celeron® N3160 Quad Core™ 1.6GHz;
- 3x saídas de vídeo independentes DVI-D, 1x HDM e 1x Display Port;
- 2x portas LAN Intel® I1210AT Gbe suporta WoL, Teaming e PXE;
- 4x Interfaces USBs 3.0;
- 4x seriais, sendo 2x DB9 para RS232/422/485, e 2x DB9 para RS232;
- 1x interface opcional para Wi-Fi/3.5G/LTE;
- Temperatura de operação estendida, suporta operar de -5 ~ 55 C°;
- Alimentação de entrada 9 a 30VDC.



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Especificações:

CPU Support	<ul style="list-style-type: none">Onboard Intel® Celeron® Quad Core Processor N3160, 2M Cache, 1.6GHz
Main Memory	<ul style="list-style-type: none">1 x DDR3L SO-DIMM socket, support DDR3L 1600/1333 4GB RAM max., un-buffered and non-ECC
Display Option	<ul style="list-style-type: none">1 x HDMI + 1 x DVI-D + 1 x DP display port
I/O Interface-Front	<ul style="list-style-type: none">ATX power on/off switch1 x Power status/1 x HDD access/1 x battery low/1 x programing/4 x Tx/Rx LEDs2 x Intel® I210AT GbE LAN ports; Support WoL, Teaming and PXE1 x HDMI + 1x DVI-D display output4 x USB 3.0 (900mA per each)1 x 3-pin DC input, support +9 to 30VDC input
I/O Interface - Rear	<ul style="list-style-type: none">1 x Display Port1 x SIM Card holder1 x external CFast socket2 x DB9 for RS232/422/485 with auto flow control (COM1 and COM2)2 x DB9 for RS232 (COM3 and COM4)2 x Antenna holes for optional Wi-Fi/3.5G antenna1 x remote power on/off switch1 x optional I/F for optional Mini-PCIe Wi-Fi/3.5G/LTE/NEXCOM's automation module output
I/O Interface - Internal	<ul style="list-style-type: none">4 x GPI and 4 x GPO (5V, TTL type)
Storage Device	<ul style="list-style-type: none">1 x 2.5" HDD (SATA3.0)
Expansion Slot	<ul style="list-style-type: none">1 x Mini-PCIe socket for optional Wi-Fi/4G LTE/3.5G modules
Power Requirement	<ul style="list-style-type: none">Power input: +9 to 30 Vdc1 x optional 24V, 60W power adapter

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Dimensions ▪ 185mm (W) x 131mm (D) x 54mm (H) without wall-mount bracket

Construction ▪ Aluminum chassis with fanless design

Environment

- Operating Temperature:
Ambient with air flow: -5°C to 55°C
(according to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -30°C to 85°C
- Relative Humidity: 10% to 95% (non-condensing)
- Shock protection:

 - HDD: 20G, half sine, 11ms, IEC60068-27
 - CFast: 50G, half sine, 11ms, IEC60068-27

- Vibration protection w/HDD condition:
 - Random: 0.5Grms @ 5~500 Hz, IEC60068-2-64
 - Sinusoidal: 0.5Grms @ 5~500 Hz, IEC60068-2-6
- Vibration protection w/CFast & SSD condition:
 - Random: 2Grms @ 5~500 Hz, IEC60068-2-64
 - Sinusoidal: 2Grms @ 5~500 Hz, IEC60068-2-6

Certifications

- CE
- FCC Class A

Support OS

- Windows 7,64-bit only
- Windows 8.1,64-bit only
- Windows Embedded Standard 7, 32-bit and 64-bit
- Windows 10 IoT Enterprise, 64-bit only



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Dimensionais:

