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Product Name: Nuvo-3100VTC

Manufacturer: Neosys

Model Number: BBNENUVO-3100VTC

Mini Ordinateur durcis et non ventilé, pour véhicules avec 4 ports réseaux POE

- Compact : 210 mm x 165 mm x 59 mm
- Puissant : supporte les processeurs Intel® Celeron/i3/i7/i5 de 3eme generation
- POE : 4x ports Giga Lan POE IEEE 802.3 (25.5W)
- Interface DVI/VGA + 2\*DisplayPort (supporte deux affichages indépendants)
- Deux emplacements pour disques 2.5 dont un en tiroir Hot-Swap
- Alimentation de 8 à 35V DC avec gestion intelligente de la clef de contact
- Certification E-Mark pour véhicules embarqués

## System Core

### Processor

Intel® Core™ i7-3610QE (2.3/3.3 GHz, 6 MB cache)  
Intel® Core™ i5-3610ME (2.7/3.3 GHz, 3 MB cache)  
Intel® Celeron™ 1020E (2.2 GHz, 2 MB cache)

### Chipset

Intel® QM77 PCH with AMT & RAID support

### Graphics

Integrated Intel® HD Graphics 4000 Controller

### Memory

1x 204-pin SO-DIMM sockets, up to 8 GB DDR3  
1333/1600 MHz SDRAM

### I/O Interface

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|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                                | 1x Gigabit Ethernet port by Intel® 82579LM                                                                                                         |
| PoE                                     | 3x Gigabit Ethernet ports by Intel® i210<br>Compliant to IEEE 802.3at (25.5W) with per-port power on/off control                                   |
| Video Port                              | 1x DVI-I connector for VGA/DVI output, supporting 2048x1536 (VGA) or 1920x1080 (DVI) resolution<br>2x DisplayPort, supporting 2560x1600 resolution |
| USB                                     | 4x USB 3.0 ports and 2x USB 2.0 ports                                                                                                              |
| Serial Port                             | 2x software-programmable RS-232/422/485 (COM1 & COM2)                                                                                              |
| Isolated DIO                            | 4x isolated DI with COS interrupt and 4x isolated DO                                                                                               |
| Audio                                   | 1x mic-in and speaker-out                                                                                                                          |
| Storage Interface                       |                                                                                                                                                    |
| SATA HDD                                | 1x Internal SATA port for 2.5" HDD/SSD<br>1x Hot-swappable HDD tray for 2.5" HDD/SSD                                                               |
| mSATA                                   | 1x full-size mSATA (SATA/USB/W_DISABLE#) with USIM socket                                                                                          |
| Expansion Bus                           |                                                                                                                                                    |
| Mini PCI-E                              | 1x full-size mini PCI Express socket with USIM socket<br>1x half-size mini PCI Express socket                                                      |
| Power Supply & Ignition Control         |                                                                                                                                                    |
| DC Input                                | 8~35V DC input via 3-pin pluggable terminal block                                                                                                  |
| Ignition Control<br>(Nuvo-3100VTC only) | Ignition control with user-selectable on/off delay                                                                                                 |
| Mechanical                              |                                                                                                                                                    |
| Dimension                               | 210 mm (W) x 165 mm (D) x 59 mm (H)                                                                                                                |
| Weight                                  | 2.4 Kg                                                                                                                                             |
| Mounting                                | Wall-mounting (Standard) or DIN-Rail mounting (Optional)                                                                                           |
| Operating Temperature                   |                                                                                                                                                    |
| w/i7-3610QE<br>100% CPU loading         | -25°C ~ 50°C**(Max performance)<br>-25°C ~ 60°C**(Reduced performance)<br>-25°C ~ 70°C**(Extended performance)                                     |
| w/i5-3610ME<br>100% CPU loading*        | -25°C ~ 60°C**(Max performance)<br>-25°C ~ 70°C**(Reduced performance)<br>-25°C ~ 70°C**(Extended performance)                                     |
| w/Celeron 1020E<br>100% CPU loading*    | -25°C ~ 70°C**                                                                                                                                     |
| Environmental                           |                                                                                                                                                    |
| StorageTemperature                      | -40°C ~ 85°C                                                                                                                                       |
| Humidity                                | 10%~90% , non-condensing                                                                                                                           |

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|---------------|-------------------------------------------------------------------------------------|
| Vibration     | Operating, 5 Grms, 5-500 Hz, 3 Axes(w/ SSD, according to IEC60068-2-64)             |
| Shock         | Operating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)   |
| Certification | CE/FCC Class A, according to EN 55022 & EN 55024<br>E-Mark for vehicle applications |

## Specifications

\* The 100% CPU loading is applied using Passmark® BurnInTest™ v7.0. For detail testing criteria, please contact Neosys Technology\*\*For sub-zero operating temperature, a wide temperature HDD drive or Solid State Disk (SSD) is required..

*Ce produit a ete rajouté a notre catalogue le mardi 04 novembre 2014*