



Main Features

- Built-in Intel® Atom™ D2550 dual core 1.86GHz processor
- Internal wireless communication (3.5G/WLAN/BT/GPS)
- 2 x 2.5" hot swappable HDD Tray for 750G or above video data
- Dual local display by (VGA+HDMI)
- 2 x Intel® 82583V Gigabit Ethernet
- Support 1 x Isolated RS232 port
- Optional power ignition
- 9 ~ 36V wide rang power input

Product Overview

The NVR NViS 2280 is equipped with an Intel® Atom™ D2550 processor in compact design for in-vehicle applications. Incorporating an all-in-one embedded server board, NViS 2280 provides high quality digital recording, real-time display and supports a wide range of megapixel IP cameras.

Specifications

Main Board

- On-board Intel® Atom™ D2550 processor Dual Core 1.86GHz

Main Memory

- 2 x DDR3 1067MHz SODMIM socket, up to 4G

Platform Control Hub

- Intel® ICH10R

I/O Interface-Front

- Power on/off switch
- HDD access/power/LAN status LEDs
- 2 x USB 2.0 ports
- 1 x SIM card holder
- 1 x Speaker-out and 1 x MIC-in
- 4-port Gigabit PoE (IEEE802.3af-16.8W per port)

I/O Interface-Rear

- 2 x Intel® 82583V GbE ports
- 2 x USB 2.0 ports
- 1 x DB15 VGA port
- 1 x HDMI
- 1 x RS232/422/485 with isolated
- 1 x eSATA
- Reserved for 5 optional antenna holes for GPS/Wi-Fi/WWAN
- Built-in G-sensor 3-AXIS digital accelerometer (ADXL345)
- 12V (2A) output for CCVT power source

Communication

- WWAN: through mini-PCIe for optional 3G/3.5G/GPRS/GSM module
- WLAN: through mini-PCIe for optional Wi-Fi module

- PAN: through internal COM for optional BT module
- GPS: through internal COM for GPS module
- PoE: for IP camera module

Storage

- 2 x 2.5" HDD driver bay with hot swap
- 1 x SATA DOM for OS (optional)

Power Requirements

- On-board DC to DC power support from 9V ~ 36VDC
- Optional power adapter

Dimensions

- 235mm (W) x 268mm (D) x 101mm (H)

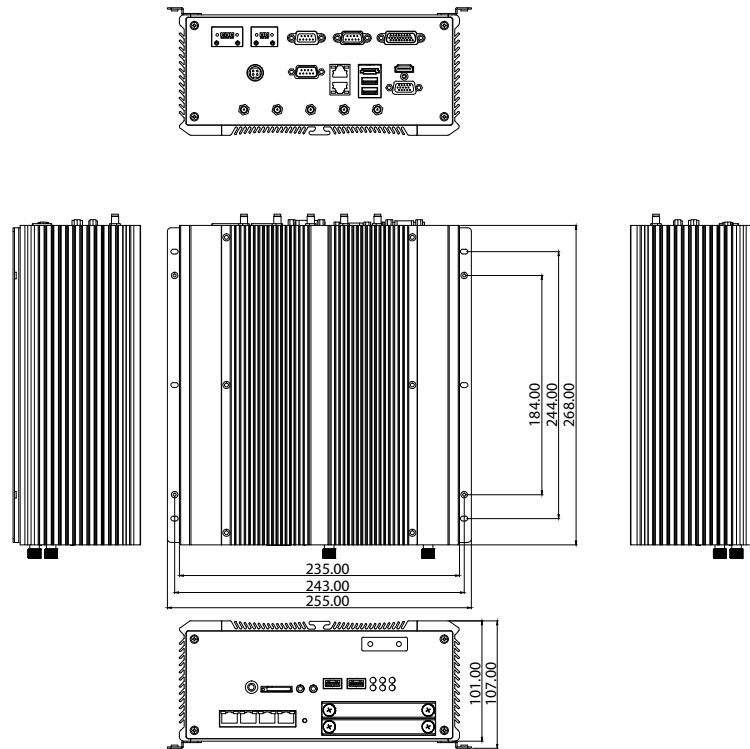
Environment

- Operating Temperature:
Ambient with air flow: -20°C ~ 60°C
- Storage temperature: -40°C ~ 80°C
- Relative humidity: 10% ~ 90% (non-condensing)
- Vibration: STD-810F-514.5 C3- Composite wheeled vehicle (SSD with vibration kit)

Certifications

- CE approval
- FCC Class A
- e13 mark

Dimension Drawing



Ordering Information

- **NVis 2280 (P/N: 10C00228000X0) RoHS Compliant**
PoE Ready, Mobile NVR with Intel® Atom™ D2550 processor

Optional Accessories

- **Anti-vibration kit (P/N: 88C00228000X0)**
- **9~36V Power ignition module (NISKIG120)**
(P/N: 10JKIG12000X0)
- **VMD 1000-B (P/N: 10VD0100000X0)**
7-inch WVGA LCD with touch screen vehicle display