

# NDiS B533

Fanless Embedded Computer Powered by 4th Generation Intel® Core™ Processor,  
Support Dual Full HD Video Playback



## Main Features

- ♦ 4th Generation Intel® Core™ processor
- ♦ Intel® integrated HD 4600 graphic engine
- ♦ Compact and Slim Design
- ♦ 3 Independent display
- ♦ USB 3.0, Dual GbE LAN support
- ♦ WLAN/ TV tuner support
- ♦ DirectX 11.1 support

## Product Overview

NDiS B533 is a powerful digital signage player which is built around the superb technology of 4th generation Intel® Core™ processor family series and Q87 integrated graphics controller. The digital signage player can offer impressive system performance and full HD videos. With support for smooth 1080P video playback on three independent displays, the 1080P signage player can fully satisfy customer's expectation and therefore be used in applications such as advertising, hospitality, brand promotion and digital menu board.

## Specifications

### CPU Support

- ♦ 4th generation Intel® Core™ LGA socket type processor

### Chipset

- ♦ Intel® Q87
- ♦ Intel® integrated HD4600 graphic engine

### Main Memory

- ♦ 2 x 204-pin SO-DIMM sockets , Supports DDR3 1600/1333MHz non-ECC, un-buffered memory up to 16GB (Single socket max. 8GB)

### I/O Interface-Front

- ♦ 1 x power status LED
- ♦ 1 x HDD status LED
- ♦ 1 x power switch
- ♦ 1 x reset switch
- ♦ 2 x USB3.0
- ♦ 2 x DB9 for RS-232

### I/O Interface-Rear

- ♦ +12V DC-in
- ♦ 3 x HDMI
- ♦ 2 x USB3.0
- ♦ 2 x RJ45 with LED for 10/100/1000Mbps Ethernet
- ♦ 1 x SPDIF
- ♦ 1 x Line-in/ 1x Line-out
- ♦ 3 x antenna hole for Wi-Fi and TV tuner

### Storage

- ♦ 1 x SATA 2.5" HDD
- ♦ 1 x SATA DOM

### Expansion

- ♦ 1 x Mini-PCIe for optional WLAN module
- ♦ 1 x Mini-PCIe for optional TV tuner module

### Data Protection

- ♦ 1 x Wafer on board for TPM module (ver. 1.2), support Intel Trusted Execution Technology

### Construction

- ♦ Top cover made by aluminum for main heat exchange
- ♦ Chassis made by steel in black

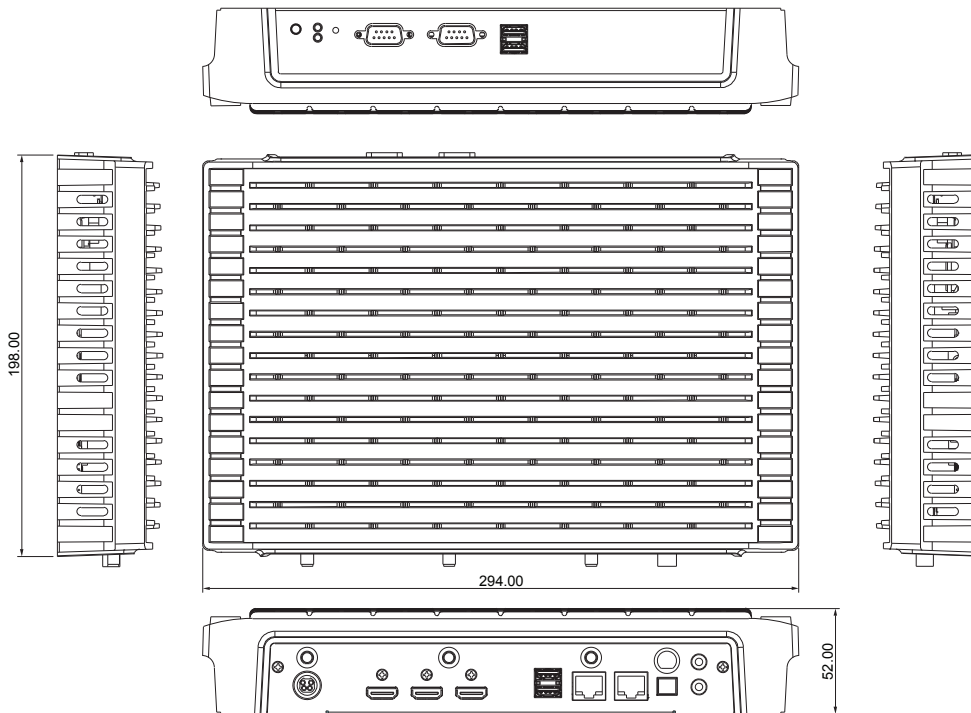
### Dimensions

- ♦ 294 mm (W) x 198 mm (D) x 52 mm(H) (11.6" x 7.8" x 2.0") w/o mounting bracket

### Power Supply

- ♦ 1 x External 80W AC/ DC adapter  
Input: 100~240VAC  
Output: +12VDC

## Dimension Drawing



### Environment

- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 80°C
- Humidity: 10 to 90% (non-condensing)

### Certification

- CE approval
- FCC Class A

### Operating System

- Windows7 / Windows 8

## Ordering Information

- ♦ **NDiS B533 (P/N: 10W00B53300X0)**  
4th generation Intel® Core™ processor (up to 35W) fanless system, Intel® Q87 chipset
- ♦ **NDiS B533F (P/N: 10W00B53301X0)**  
4th generation Intel® Core™ processor (up to 45W) system, Intel® Q87 chipset