

# NDiS 166

Fanless Embedded Computer Powered by 2<sup>nd</sup> Generation Intel® Core™ Processor,  
Support Dual Full HD Video Playback



## Main Features

- 2<sup>nd</sup> generation Intel® Core™ processor family platform
- Intel® integrated graphics engine
- Compact and fanless design
- Dual independent display
- Dual Gbe LAN
- WLAN/ TV tuner support

## Product Overview

NDiS 166 is specially designed to be mounted behind the large-size display device such as LCD TV or PDP. NDiS 166 supports dual display output by DVI, HDMI or VGA. The NDiS 166 operates on 2<sup>nd</sup> generation Intel® Core™ Processor Family with QM67 integrated graphics controller. NDiS 166 can smoothly playback dual Full HD video. NDiS 166 is ideal as advanced digital signage player for advertising, hospitality, brand promotion and digital menu board application.

## Specifications

### CPU Support

- 2<sup>nd</sup> generation Intel® Core™ processor family

### Chipset

- Intel® QM67
- Intel® integrated graphics

### Main Memory

- 2 x 240-pin DIMM sockets, Supports DDR3 1333/1066MHz non-ECC, un-buffered memory up to 16GB (Single socket max. 8GB)

### I/O Interface-Front

- 2 x USB 2.0
- 2 x RS-232
- 1 x On/Off power switch
- 2 x LED for PW and HDD

### I/O Interface-Rear

- 1 x +12V DC-in
- 1 x VGA
- 1 x DVI
- 1 x HDMI
- 2 x USB 2.0
- 2 x RJ45 with LED for 10/100/1000 Mbps Ethernet
- 1 x SPDIF
- 1 x Line-out/ 1 x Line-in
- 2 x Antenna hole for Wi-Fi and TV tuner

### Storage

- 1 x 2.5" SATA HDD bay

### Expansion

- 1 x Mini-PCIe for optional wireless LAN module
- 1 x Mini-PCIe for optional TV tuner module

### Dimensions

- 250mm (W) x 194mm (D) x 40mm (H)  
(9.8" x 7.6" x 1.6") w/o mounting bracket

### Construction

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

### Power Supply

- 1 x External 80W AC/ DC power adaptor  
Input: 100~240V AC  
Output: +12V DC

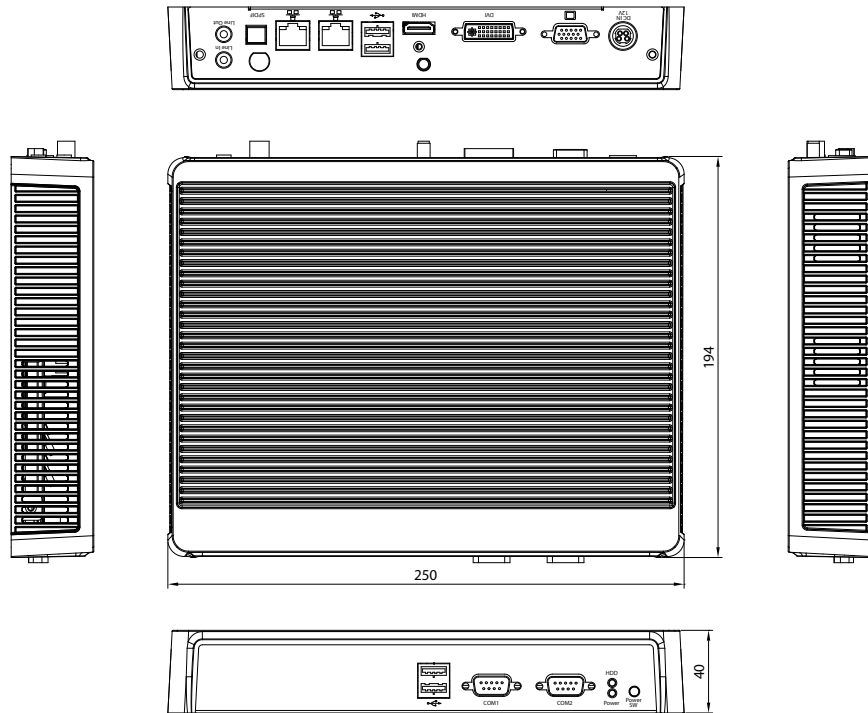
### Environment

- 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

## Dimension Drawing



### OS Support

- Windows 7 / XP / WES7 / WES2009 / Linux

### Ordering Information

- **NDiS 166 (P/N: 10W00016600X0)**  
2<sup>nd</sup> generation Intel® Core™ processor family, Intel® QM67