

# NDiS 163F

Digital Signage Player with Intel® Core™ 2 Duo/Celeron® Platform



## Main Features

- Support Intel® Core™ 2 Duo Processor T9400 2.53 GHz
- Up to 8 GB with un-buffered and Non-ECC DDR3 800/1066 MHz SDRAM
- Intel® GMA 4500MHD Integrated Graphics Engine
- Dual Independent Display Support
- 1 x Intel® 82574 Gigabit Ethernet Controller
- 2 x Mini-PCle for TV Tuner / WLAN Modules

## Product Overview

The NDiS 163F features Intel® Core™ 2 Duo, Celeron® family processors with 1066/667 MHz as T9400 based on GM45 integrated graphics solution. Furthermore, NDiS 163F supports dual display by DVI, HDMI, and CRT with dual independent audio output.

## Specifications

### CPU support

- Support Intel® Core™ 2 Duo/Celeron® family processors with 1066/667 MHz Core™ 2 Duo Processor T9400 2.53GHz

### Chipset

- Intel® GM45 Graphics and Memory Controller Hub
- Intel® 828011BM I/O Controller Hub

### Main Memory

- 2 x 240-pin 25° angled DIMM, up to 8 GB with un-buffered and Non-ECC DDR3 800/1066 MHz SDRAM

### I/O Interface-Front

- 2 x USB 2.0
- 1 x COM1 (RS232)
- 1 x COM2 (RS232)
- GPIO Terminal Port ( 4 in, 4 out)

### I/O Interface-Side

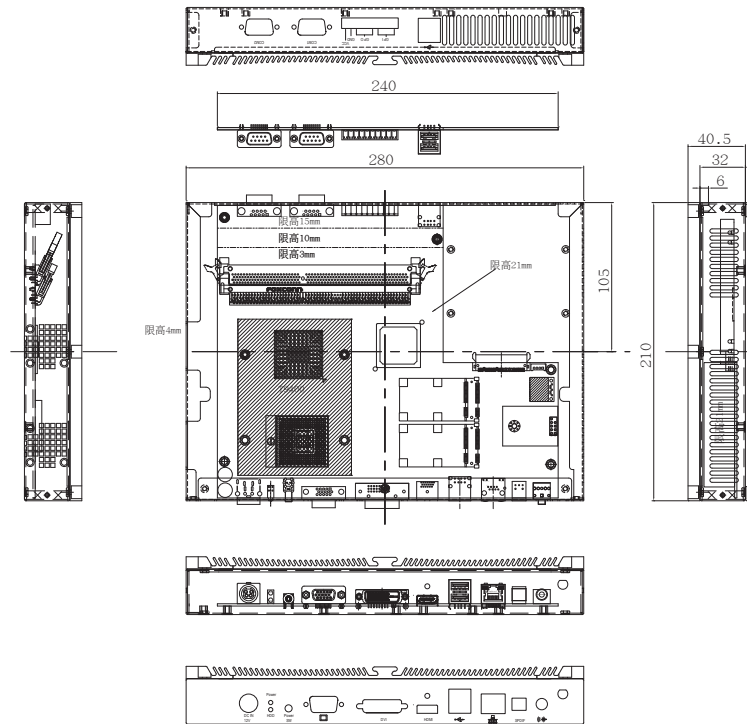
- 1 x +12V DC-in
- 2 x LED for PW & HDD
- 1 x ON/OFF Power Switch
- 1 x VGA
- 1 x DVI-D
- 1 x HDMI
- 2 x USB 2.0
- 1 x RJ45 with LED
- 1 x SPDIF
- 1 x Audio Out
- 2 x Antenna hole for WiFi & TV Tuner

### Storage

- 1 x SATA 2.5" HDD Bay
- 1 x u-DOM socket



## Dimension Drawing



### Expansion Slot

- 2 x Mini-PCIe Socket support Wireless LAN module & TV tuner module

### Dimensions

- 280mm (W) x 210mm (D) x 40.4mm (H) (11" x 8.3" x 1.6") w/o mounting bracket

### Construction

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

### Power Requirements

- 1 x external +12V DC output 150W Adapter
- Support ATX power mode

### Environment

- Operating temperatures: 0°C to 40°C
- Storage temperature: -40°C to 80°C
- Relative humidity(Non-condensing): 95%

### Certification

- CE approval
- FCC Class A

## Ordering Information

- **ND163F (P/N:10W00016300X0)**  
Intel® Core™ 2 Duo, Celeron® family processors  
Intel® GM 45 / Intel® ICH9-M