



Main Features

- ◆ Intel® Core™ 2 Duo/Celeron® Platform
- ◆ Intel® GM 4500MHD Graphic Engine
- ◆ Compact and Fanless
- ◆ Dual Independent Display
- ◆ WLAN and TV Tuner support

Product Overview

NDiS 163 is specially designed to be mounted behind the large-size display device such as LCD TV or PDP. NDiS 163 supports dual display output by DVI, HDMI or VGA. The NDiS 163 operates on Intel® Core™ 2 Duo, Celeron® family processors with 1066/667 MHz, GM45 integrated graphics controller. NDiS 163 can smoothly playback variety of Full HD video. NDiS 163 is ideal as advanced digital signage player for advertising, hospitality, brand promotion and digital menu board application.

Specifications

CPU Support

- ◆ Intel® Core™ 2 Duo/Celeron® family processors with 1066/667 MHz

Chipset

- ◆ Intel® GM45
- ◆ Intel® 828011BM I/O Controller Hub

Main Memory

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

I/O Interface-Front

- ◆ 2 x USB 2.0
- ◆ 2 x 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 for 10/100/1000Mbps Ethernet
- ◆ 1 x SPDIF
- ◆ 1 x Line-out
- ◆ 2 x Antenna hole for WiFi & TV Tuner

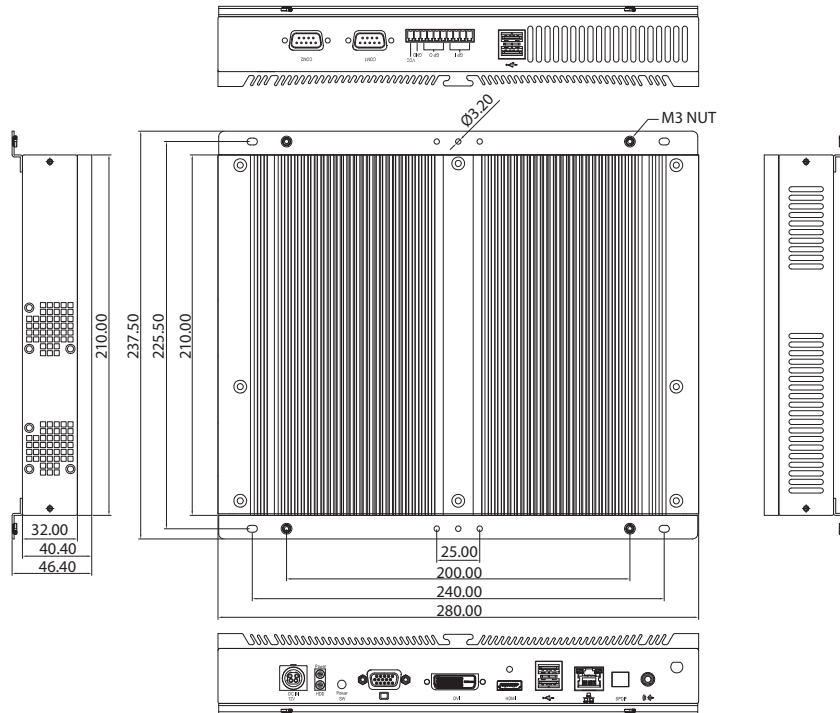
Storage

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

Expansion Slot

- ◆ 1 x Mini-PCIe for optional Wireless LAN module
- ◆ 1 x Mini-PCIe for optional TV tuner module

Dimension Drawing



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 Supply

- 1 x External 96W AC/DC power adapter
- Input: 100-240VAC
- Output: +12VDC

Environment

- Operating Temperatures: 0°C to 40°C
- Storage Temperature: -40°C to 80°C
- Humidity: 10 to 90% (Non-condensing)

Certification

- CE approval
- FCC Class A

Ordering Information

- **NDiS 163 (P/N: 10W00016300X0)**
Intel® Core™ 2 Duo, Celeron® family processors
Intel® GM 45/Intel® ICH9-M