



### Main Features

- ♦ Powerful Digital Signage Player with Intel Mobile Core™ 2 Duo Processors
- ♦ Fan-less for Low power processors
- ♦ TV tuner / WLAN Support
- ♦ Dual DVI/ S-Video/ ComPOSITE Video/ Audio/ S/PDIF/ GbE LAN/ USB/ u-DOC
- ♦ +12V DC-in/ ATX support
- ♦ 1 x SATA 2.5" HDD/ CF (Optional)

### Product Overview

NDiS series are developed by NEXCOM for Digital Signage application. NDiS 161 is specially designed for client side to display the content. It is easy to be mounted behind the large-size display devices as LCD TV or PDP. NDiS 161 operates on Intel® mobile Core™ 2 Duo / Core™ Duo / Celeron® M processors. Its fan-less thermal design can reduce the maintain cost. The stable reliability can guarantee working for 7/24 non-stop operating. NDiS 161 provides Dual DVI interfaces, one GbE Ethernet, two USB 2.0 ports and 2.5" HDD drive bay for storage, optional wireless connectivity.

### Specifications

#### Main Board

- ♦ NEX 661
- ♦ Support mPGA478 ZIF socket Intel® Core™ 2 Duo, Core™ Duo, Core™ Solo family processors with FSB 533/667MHz
- ♦ Intel® Embedded ProcessorList (Intel® Longevity CPU):
  - Core™ Duo T2500
  - Celeron® M 440
  - Fan-less for onboard Low Power Processor
  - Core™ 2 Duo L7400
  - Core™ Duo L2400, U2500
  - Celeron® M 423

#### Chipset

- ♦ Intel® 945GME / Intel® ICH7-M

#### Main Memory

- ♦ 1 x DIMM socket angled 25°, support DDR2 533/667MHz SDRAM with un-buffered and Non-ECC memory module up to 2GB

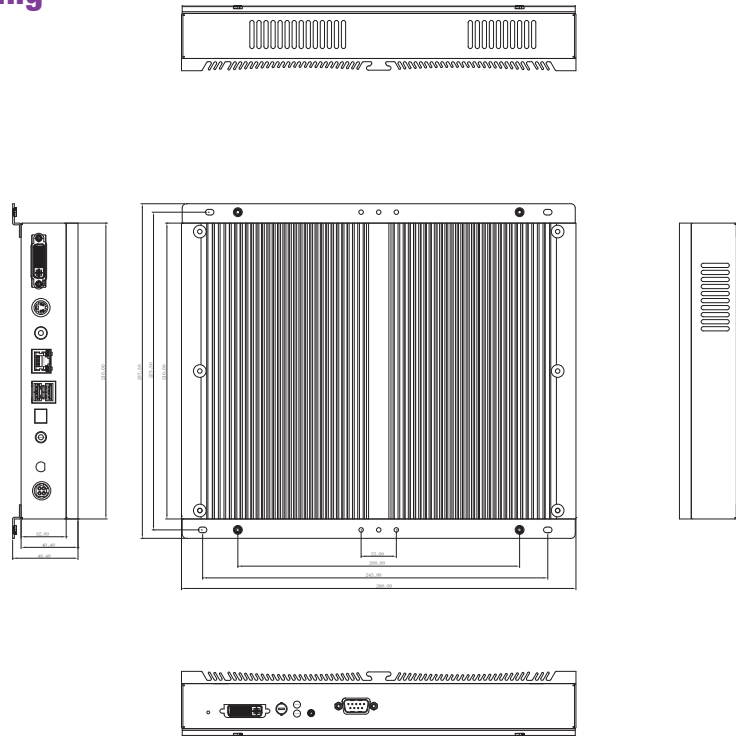
#### I/O Interface-Front

- ♦ 1 x DB9 for RS232
- ♦ 2 x LED for Power-on and Storage
- ♦ 1 x DVI-D for DVI output
- ♦ ATX Power-on and Reset button

#### I/O Interface-Side

- ♦ 1 x DVI-I output
- ♦ 1 x S-Video
- ♦ 1 x Composite Video
- ♦ 1 x RJ45 with LED for 10/100/1000Mbps Ethernet
- ♦ 2 x USB
- ♦ 1 x S/PDIF
- ♦ 1 x Phone-jack for Line-out
- ♦ 1 x Antenna hole for WLAN/TV tuner
- ♦ +12V DC Power in

## Dimension Drawing



### Storage

- 1 x SATA 2.5" HDD Bay
- 1 x uDOC
- 1 x CF type I/II by optional

### Expansion

- 1 x Mini-PCIe optional for WLAN/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 80W AC/DC adapter
- AC-in: 100~240VAC
- DC-out: DC+12V

### Environment

- Operating Temperature: Ambient with air flow from 0°C ~ 40°C (HDD inside)
- Storage Temperature: -20°C ~ 85°C, Humidity: 10% ~ 90% (Non-condensing)

### Certification

- CE approval
- FCC Class A

## Ordering Information

- **NDIS 161 (P/N: 10W00016104X0)**  
Intel® Core™ 2 Duo, Core™ Duo, Celeron® M Fan-less Bare-Bone System  
Intel® 945GME/ICH7M