



Main Features

- ♦ **Powerful Digital Signage Player with Intel Mobile Core 2 Duo Processors**
- ♦ **FANLESS for Low power processors**
- ♦ **Intel 945GME solution**
- ♦ **DVI/ VGA/ u-DOC/ S-Video/ Composite Video/ Audio/ S/PDIF/ GbE LAN/ USB**
- ♦ **+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 DVI and VGA display interfaces, one GbE Ethernet with optional wireless connectivity, USB 2.0 ports and 2.5" HDD drive bay for storage.

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
FANLESS 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
- ♦ 2 x USB
- ♦ ATX Power-on and Reset button

I/O Interface-Side

- ♦ 1 x DVI-I for CRT & DVI-D output Via Y-Cable
- ♦ 1 x S-Video
- ♦ 1 x Phone-jack for 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
- ♦ Option antenna for WiFi
- ♦ +12V DC-in Power

Storage

- ♦ 1 x SATA 2.5"HDD Storage
- ♦ 1 x u-DOC
- ♦ 1 x CF type I/II

Expansion Slot

- ♦ 1 x mini-PCIe optional for wireless module

Dimensions

- ♦ W: 280mm; D: 210mm; H: 40.7mm (without mount-bracket)

Construction

- ♦ Top Cover made by Aluminum for main heat exchange
- ♦ Chassis made by steel in Black

Power Input

- ♦ 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 ~ 45°C (HDD inside)
- ♦ Storage Temperature: -20°C ~ 60°C, Humidity: 10% ~ 95% @ 40°C (Non-condensing)

Certification

- ♦ CE approval
- ♦ FCC

Ordering Information

- ♦ **NDiS 161DV (P/N: 10W00016100X0)**
Intel® Core 2 Duo, Core Duo, Celeron® M Fan-less Bare-Bone System
Intel® 945GME/ICH7M with CRT/DVI/TV