



### Main Features

- ◆ Powerful Digital Signage Player with AMD Athlon™ 64/ 64 X2 AM2 Processors
- ◆ Fan-less Thermal Design
- ◆ TV tuner / WLAN Support
- ◆ DVI/ VGA/ u-DOC/ Audio/ SPDIF/ 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 162 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 162 operates on AMD low power Athlon™ 64 series processors. Its fan-less thermal design can reduce the maintain cost. The stable reliability can guarantee working for 7/24 non-stop operating. NDiS 162 provides dual DVI display interfaces with dual independent audio output, one GbE Ethernet with optional wireless connectivity, USB 2.0 ports and 2.5" HDD drive bay for storage.

### Specifications

#### Main Board

- ◆ NEX 662
- ◆ Support AMD AM2 Socket Athlon™ 64/64 x 2 series processor
- ◆ AMD Embedded Processor List (Longevity CPU):  
Athlon™ 64 X2 3400E (Fan-less)  
Athlon™ 64 3100+ (Fan-less)  
Athlon™ 64 2600+ (Fan-less)  
Athlon™ 64 2000+ (Fan-less)

#### Chipset

- ◆ AMD M690E, AMD SB600
- ◆ Integrated ATI X1270 Graphic Controller

#### Main Memory

- ◆ 1 x DIMM socket angled 25°, support DDR2 800MHz SDRAM with un-buffered and Non-ECC memory module up to 2GB

#### I/O Interface-Front

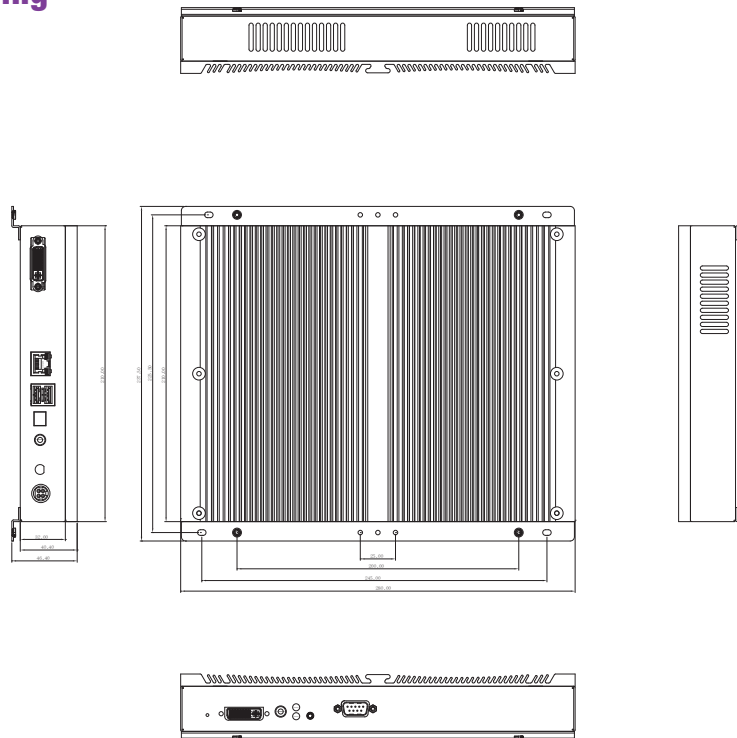
- ◆ 1 x DB9 for RS232
- ◆ 1 x DVI-D Connector
- ◆ 1 x Phone-jack for Line-out
- ◆ 2 x LED for Power-on and Storage
- ◆ ATX Power-on and Reset button

#### I/O Interface-Side

- ◆ 1 x DVI-I Connector for CRT & DVI-D
- ◆ 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 or TV tuner module
- ◆ +12V DC Power in



## Dimension Drawing



### Storage

- 1 x SATA 2.5" HDD Bay
- 1 x u-DOC
- 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 (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 ~ 60°C, Humidity: 10% ~ 90% (Non-condensing)

### Certification

- CE approval
- FCC Class A

## Ordering Information

- **NDIS 162 (P/N: 10W00016200X0)**  
AMD Athlon™ 64/64 X2 Fan-less Barebone System  
AMD 690E/SB600