



## Main Features

- AMD Athlon™ 64/64 X2/PhenomII X4 Platform
- ATI Radeon HD3200 GPU
- Slim and Compact Design
- Dual Independent Display and Audio Support
- TV Tuner and WLAN Support

## Product Overview

NDiS 164 is specifically designed to be mounted behind display device such as LCD TV or PDP. NDiS 164 can smoothly playback variety of Full HD video. NDiS 164 provides two independent HDMI and Audio output, GbE Ethernet with optional wireless and TV tuner connectivity, SATA DOM and 2.5" HDD drive bay for storage. NDiS 164 operates on AMD Athlon™ 64 X2/PhenomII X4 processors. Powered by ATI Intergrated GPU, NDiS 164 is ideal as an advanced digital signage player for advertising, hospitality, brand promotion and digital menu board application.

## Specifications

### CPU Support

- Support AMD AM2 Athlon™ 64/64 X2/PhenomII X4 processor

### Chipset

- AMD 780E/AMD SB710
- ATI Radeon HD3200 GPU

### Main Memory

- 2 x 240-pin DIMM sockets, support DDR2 800MHz SDRAM memory module up to 4GB

### I/O Interface-Front

- 1 x HDD Status LED (Yellow)
- 1 x Power Status LED (Green)

### I/O Interface-Rear

- +12V DC-in
- 2 x DB9 for RS-232
- 4 x COM in terminal port (TX & RX only)
- 4 x USB
- 1 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 2 x Line-out
- 2 x HDMI
- ATX Power-on switch
- 2 x Antenna hole for Wi-Fi and TV tuner

### Storage Device

- 1 x SATA 2.5" HDD
- 1 x SATA DOM

### Expansion

- 1 x Mini-PCIe for optional WLAN tuner module
- 1 x Mini-PCIe for optional for TV tuner module

### Dimensions

- 272mm (W) x 195mm (D) x 44mm (H) (10.7" x 7.7" x 1.7") w/o rubber stand

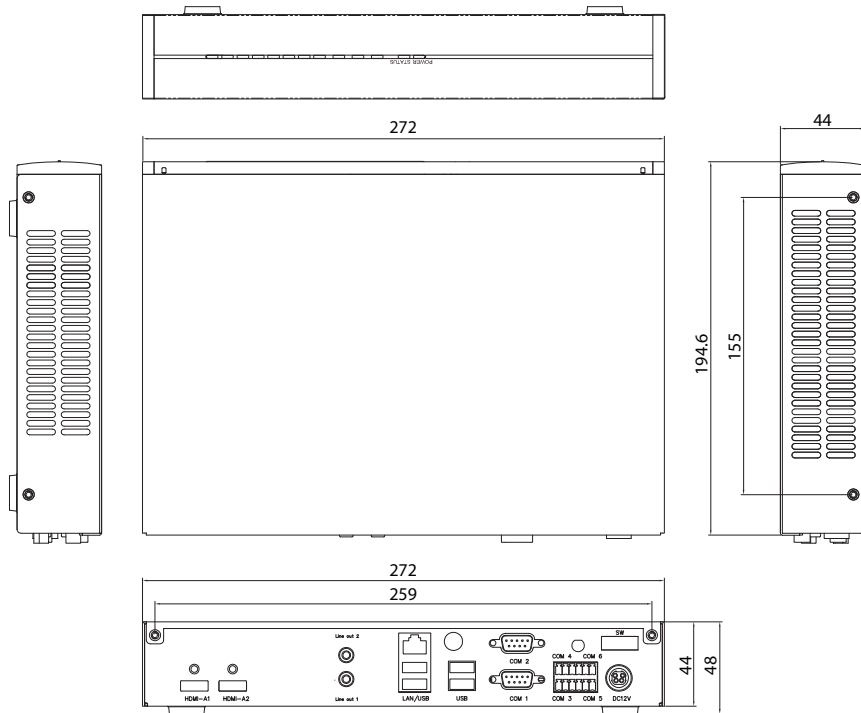
### Power Supply

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

### Environment

- Operating Temperature: Ambient with air flow from 0 to 40°C (HDD inside)
- Storage Temperature: -20 to 80°C
- Humidity: 10 to 90% (Non-condensing)

## Dimension Drawing



### Certification

- CE approval
- FCC Class A

### Ordering Information

- **ND15 164 (P/N: 10W00016400X0)**  
AMD Athlon™ 64/ 64 X2 family processor  
AMD 780E/SB710 chipset