



Main Features

- ◆ Powerful Digital Signage Player with AMD Athlon™ 64/ 64 X2 AM2/AM3 Processors
- ◆ Slim and Compact Design
- ◆ AMD 780E/SB710 solution
- ◆ 4 x HDMI/ 4 x Audio/ Dual GbE LAN/ 4 x USB/ 6 x Serial ports
- ◆ 1 x 2.5" SATA HDD/ SATA DOM
- ◆ ATI Radeon E2400 GPU

Product Overview

NDiS series are developed by NEXCOM for Digital Signage application. NDiS 541 is specifically designed for client side to display multi-content. It is easy to be placed in a small space for saving space cost. NDiS 541 operates on AMD Athlon™ 64 X2 series processors. NDiS 541 provides four independent HDMI and Audio interfaces, GbE Ethernet with optional wireless and TV tuner connectivity, SATA DOM and 2.5" HDD drive bay for storage.

Specifications

Main Board

- ◆ Support AMD AM2/ AM3 Socket Athlon™ 64/ 64 X2 series processor
- ◆ AMD Embedded Processor List (Longevity CPU):
 - Athlon™ 64 X2 4200+, 2.2GHz
 - Athlon™ 64 X2 3400+, 1.8GHz
 - Athlon™ 64 X2 3400e, 1.8GHz
 - Athlon™ 64 3100+, 2.0GHz
 - Athlon™ 64 3000+, 1.8GHz
 - Athlon™ 64 2600+, 1.6GHz
- ◆ Athlon 64 X2, 5050e 2.6GHz
- ◆ AMD 780 / AMD SB710
- ◆ ATI Radeon E2400 GPU onboard

Main Memory

- ◆ 2 x 240-pin DIMM sockets, support DDR2 800MHz SDRAM memory module up to 4GB
- Note: Maximum size up to 4GB. The actual capacity depends on OS resource allocation.*

I/O Interface-Front

- ◆ 2 x LED for Power-on and Storage
- ◆ 1 x HDD Status LED (Yellow), 1 x Power Status LED (Green)

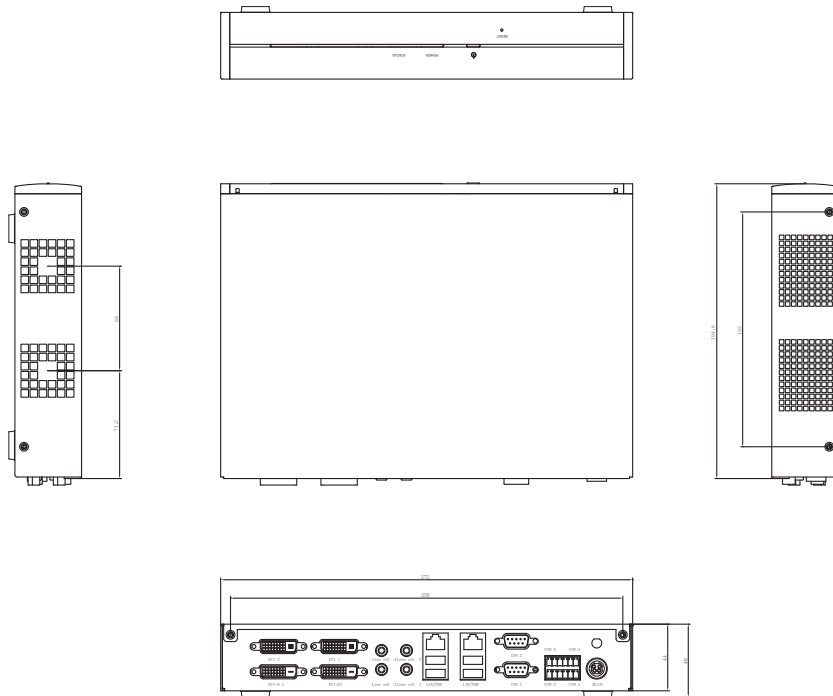
I/O Interface-Rear

- ◆ +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
- ◆ 4 x Line-out
- ◆ 4 x HDMI
- ◆ ATX Power-on switch
- ◆ 1 x Antenna hole for WiFi and TV tuner

Storage Device

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

Dimension Drawing



Expansion

- 1 x Mini-PCle optional for WLAN tuner module
- 1 x Mini-PCle 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 Requirements

- 1 x External 96W AC/DC adapter
- AC-in: 100~240VAC
- DC-out: DC+12V

Environment

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

Certification

- CE approval
- FCC Class A

Ordering Information

- **NDiS 541 (P/N: 10W00054100X0)**
AMD Athlon™ 64/ 64 X2 family processor
AMD 780E/SB710 chipset