



Main Features

- Powerful Digital Signage Player with AMD Athlon™ 64/ 64 X2 AM2 Processors
- Slim and Compact Design
- TV Tuner / WLAN Support
- 4 x DVI/ 4 x Audio/ Dual GbE LAN/ 4 x USB/ 6 x Serial ports
- 1 x 2.5" SATA HDD/ 1 x type I/II CF
- ATI Radeon E2400 GPU

Product Overview

NDiS series are developed by NEXCOM for Digital Signage application. NDiS 540 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 540 operates on AMD low power Athlon™ 64 X2 series processors. NDiS 540 provides four independent DVI and Audio interfaces, dual GbE Ethernet with optional wireless connectivity, CF and 2.5" HDD drive bay for storage.

Specifications

Main Board

- Support AMD AM2 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
- AMD M690E / AMD SB600
- 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)

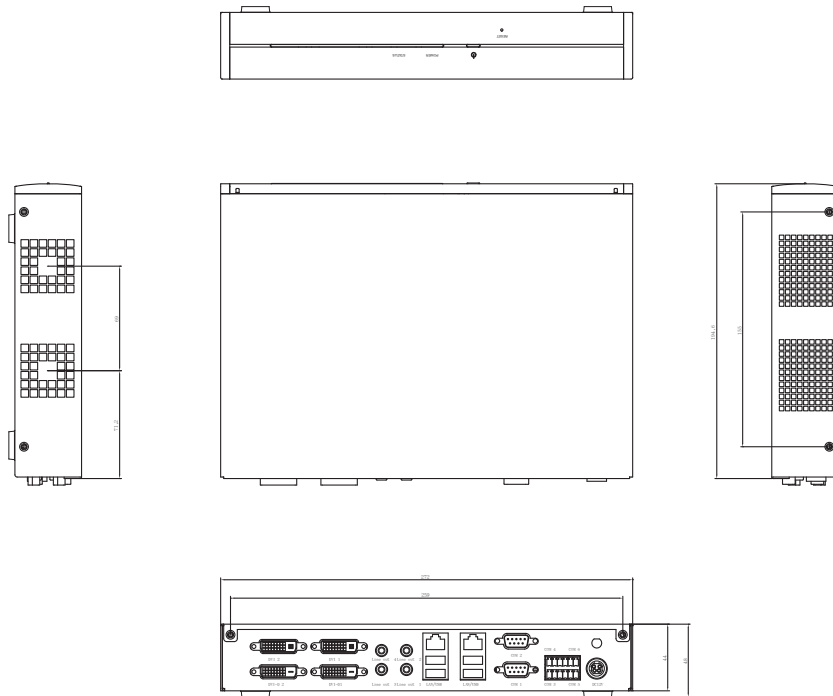
I/O Interface-Rear

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

Storage Device

- 1 x SATA 2.5" HDD
- 1 x CF type I/II

Dimension Drawing



Expansion

- 1 x Mini-PCIe optional for WLAN/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 540 (P/N: 10W00054000X0)**
AMD Athlon™ 64/ 64 X2 family processor
AMD 690E/SB600 chipset