



Main Features

- ◆ Intel® Atom™ N270 Platform
- ◆ Low power consumption
- ◆ Slim and fan-less
- ◆ DVI and VGA output, dual independent display
- ◆ Hyper-Threading Support
- ◆ HD Video Decoder Support

Product Overview

NDiS series are developed by NEXCOM for dedicated Digital Signage application. NDiS 120-A is specially for client side to display content. Because of Atom™ N270 + 945GSE platform, it has low power consumption and totally fan-less design. NDiS 120-A is suitable as an entry level Digital Signage device for advertising, hospitality and promotion activity applications.

NDiS 120-A provides extra HD Video Decode Accelerator Module(1080p) to increase the decode performance. The module can decode video codec formats and provide 1080p resolution. NDiS 120-A supports VGA + DVI-D 2 independent display, 4 USB 2.0 ports, Giga LAN and RS232 COM port.

Specifications

Main Board

- ◆ Intel® Atom™ N270 1.6GHz CPU onboard
- ◆ Chipset 945GSE + ICH7M
- ◆ Intel® Graphic Engine GMA 950

Main Memory

- ◆ 1 x SO-DIMM, DDR2 400/533, up to 2 GB

I/O Interface-Front

- ◆ 1 x LED Power-On
- ◆ 1 x LED Storage

I/O Interface-Rear

- ◆ 1 x DB9 RS232 COM port
- ◆ 1 x DB15 VGA port
- ◆ 1 x DVI-D port
- ◆ 4 x USB 2.0 port
- ◆ 1 x RJ45 with LEDs for 10/100/1000 Mbps Ethernet
- ◆ 12VDC Power In

Storage

- ◆ 1 x 2.5" SATA HDD Bay

Audio

- ◆ Line-In x1, Line-Out x1, 5.1 channel HD Audio with 6W amplifier

Dimensions

- ◆ 272mm (W) x 195mm (D) x 44mm (H) (10.7" x 7.7" x 1.7") w/o mounting bracket

Power Input

- ◆ 1 x External 60W AC/DC power adaptor (In: 90VAC~264VAC. Out: 12VDC)

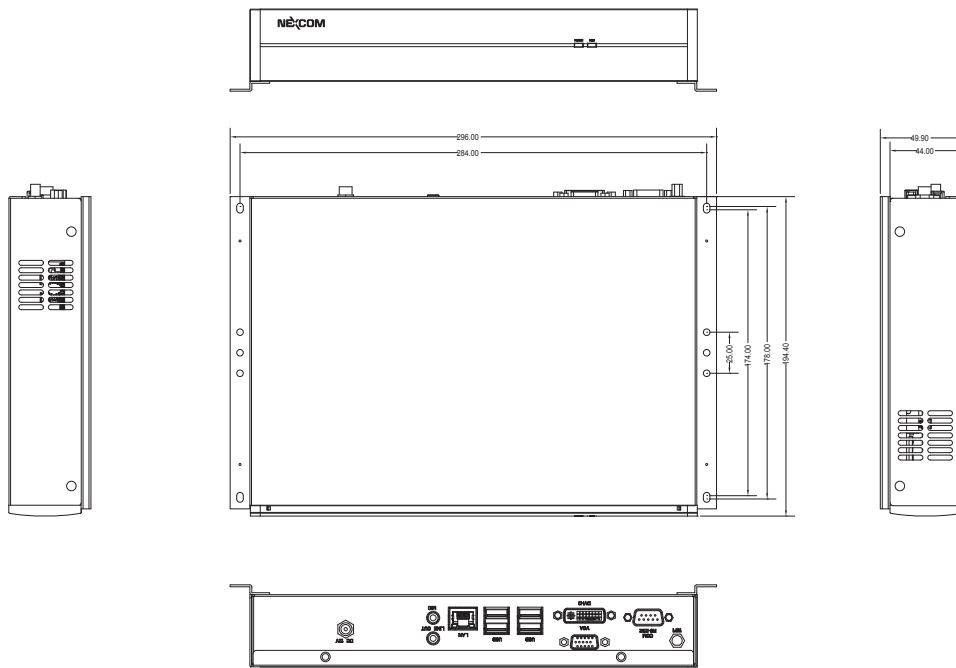
Environment

- ◆ Operating Temperature: Ambient with air flow from 0°C ~ 45°C (HDD inside)
- ◆ Storage Temperature: -20°C ~ 60°C, Humidity: 10% ~90% @40°C

Certification

- ◆ CE approval
- ◆ FCC Class A

Dimension Drawing



Ordering Information

- **NDiS 120-A (P/N: 10W00012004X0)**
 Intel® N270 Processor onboard
 Intel® 945GSE/ICH7M