NDiS 120-A

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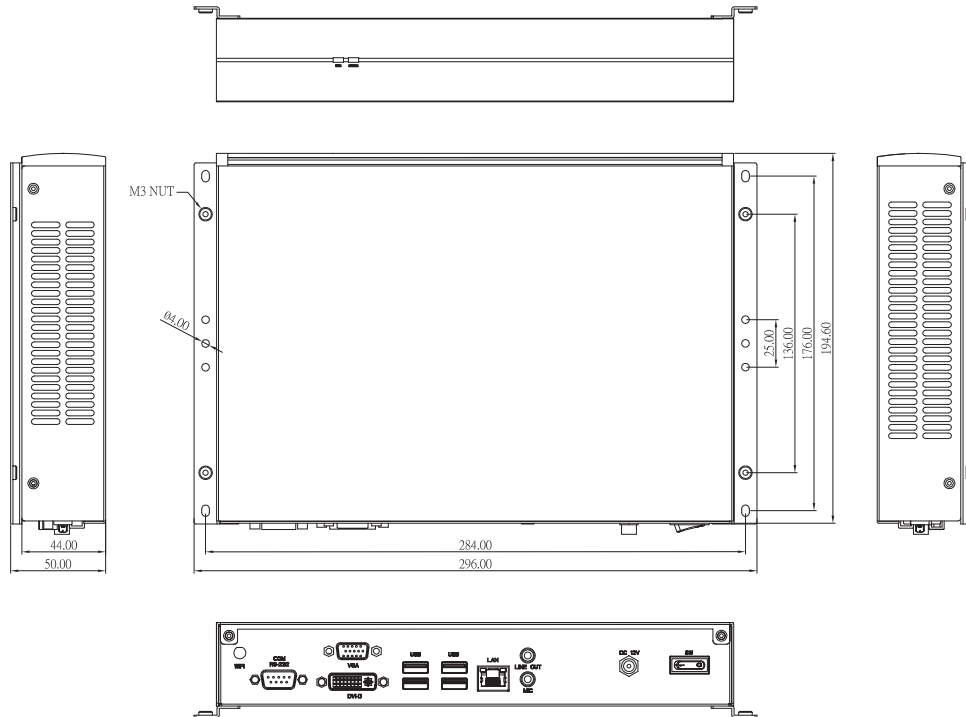
Environment
- Operating Temperature: Ambient with air flow from 0°C ~ 45°C (HDD inside)
- Storage Temperature: -20°C ~ 60°C, Humidity: 10% ~90% @40°C

Certification
- CE approval
- FCC Class A

Dimension Drawing

M3 NUT

ø4.00

44.00
50.00

284.00
296.00

25.00
136.00
176.00
194.60

WIFI · COM RS-232 · VGA · DVI-D · USB · USB · LAN · LINE OUT MIC · DC 12V · SW

Ordering Information

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

NEXCOM
We reserve the right to change specifications and product descriptions at any time without prior notice.

Digital Signage Platform
Last update: Dec-2-2009