

NDiS 120

Fanless Embedded Computer Powered by Intel® Atom™ N270



Main Features

- ♦ Intel® Atom™ N270 Platform
- ♦ Low Power Consumption
- ♦ Slim and Fanless
- ♦ Dual Independent Display
- ♦ Hyper-Threading Support
- ♦ TV Tuner/WLAN Support

Product Overview

Powered by Intel® Atom™ N270 processor, NDiS 120 can play variety of multimedia contents but consumes little power. NDiS 120 supports VGA + DVI-D 2 independent display, 4 USB 2.0 ports, Mini-PCle socket, Giga LAN and RS232 COM port. NDiS 120 is suitable as an entry level Digital Signage player for advertising, hospitality, promotion activity and digital menu applications.

Specifications

CPU Support

- ♦ Intel® Atom™ N270 1.6GHz CPU onboard

Chipset

- ♦ 945GSE + ICH7M
- ♦ Intel® GMA 950 Graphic Engine

Main Memory

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

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 Line-out
- ♦ 1 x Line-in
- ♦ 1 x RJ45 with LEDs for 10/100/1000 Mbps Ethernet
- ♦ 1 x Antenna hole for Wi-Fi
- ♦ 12VDC Power In

Storage

- ♦ 1 x 2.5" SATA HDD Bay

Expansion

- ♦ 1 x Mini-PCle for optional TV tuner or WLAN module

Dimensions

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

Power Supply

- ♦ 1 x External 60W AC/DC power adaptor
- ♦ Input: 100~240VAC
- ♦ Output: +12VDC

Environment

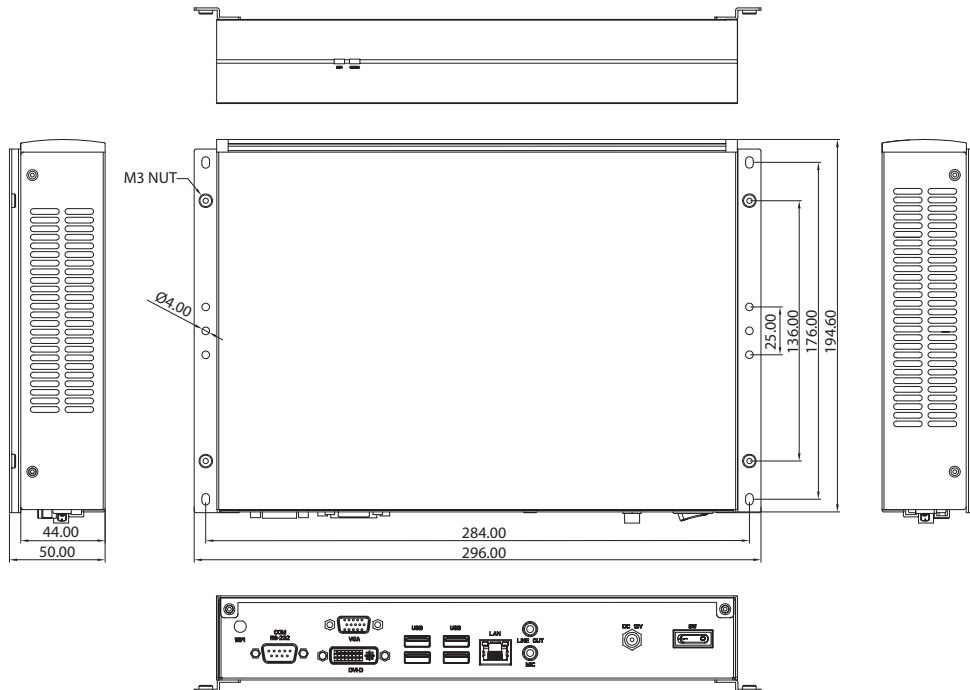
- ♦ Operating Temperature: Ambient with air flow from 0°C to 40°C (HDD inside)
- ♦ Storage Temperature: -20°C to 80°C
- ♦ Humidity: 10 to 90% (Non-condensing)

Certification

- ♦ CE approval
- ♦ FCC Class A



Dimension Drawing



Ordering Information

- **NDiS 120 (P/N: 10W00012000X0)**
Intel® N270 Processor onboard
Intel® 945GSE/ICH7M