

# NDiS B842

Multi-Display Embedded Computer  
Powered by AMD R-series Dual/Quad Processors, Support 4 Independent HDMI Displays



## Main Features

- AMD R-series Platform
- AMD Radeon™ E6760 GPU
- Slim and compact design
- 4 x HDMI
- 2 x USB 3.0 support
- WLAN and TV tuner support
- DirectX 11 support
- Removable Fan Module

## Product Overview

NDiS B842 is specifically designed to address the need for application to present high quality contents on multiple displays. NDiS B842 provides six independent HDMI and dual USB 3.0 and dual GbE Ethernet with optional WLAN. Powered by AMD Embedded R-Series APU and AMD E6760 GPU, NDiS B842 can smoothly playback multiple Full HD videos. NDiS B842 is an advanced media player for any applications to demonstrate high quality and high impact contents over multiple displays.

## Specifications

### CPU Support

- AMD R-series Dual/Quad processors

### Chipset

- AMD Hudson-M3 A70M Fusion Controller Hub
- AMD Radeon™ E6760 GPU

### Main Memory

- 2 x 204-pin SO-DIMM sockets, Supports DDR3 1600/1333MHz non-ECC, un-buffered memory up to 16GB (Single socket max. 8GB)

### I/O Interface-Front

- 1 x HDD LED
- 1 x Power LED

### I/O Interface-Rear

- +12V DC-in
- 2 x RJ45 for RS-232
- 2 x USB 3.0
- 2 x USB 2.0
- 2 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 1 x Line-in, 1 x Line-out
- 1 x SPDIF
- 4 x HDMI
- 3 x antenna hole for Wi-Fi and TV tuner
- 1 x Power switch with LED
- 1 x Reset switch

### Storage

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

### Expansion

- 1 x Mini-PCIe for optional WLAN module
- 1 x Mini-PCIe for optional TV tuner module

### Dimensions

- 280mm (W) x 230mm (D) x 44mm (H)  
(11.0" x 9.0" x 1.7") w/o mounting bracket

### Power Supply

- External 120W AC/DC adapter  
Input: 100~240VAC  
Output: +12VDC

### Environment

- Operating temperature : ambient with air flow from 0°C to 40°C
- Storage temperature : -20°C to 80°C
- Humidity : 10 to 90% (non-condensing)

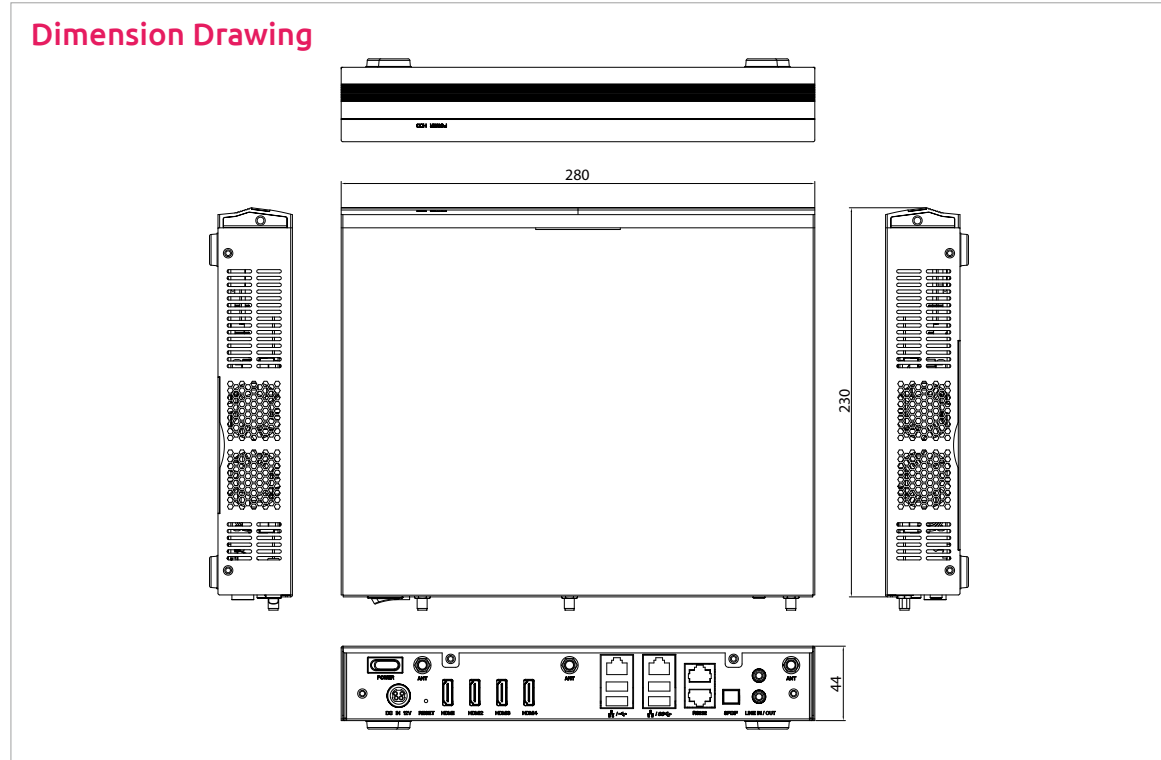
### Certification

- CE approval
- FCC Class A

### Operating System

- Win7/WES7/Win8/WE8S/Linux

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### Ordering Information

- ♦ **NDiS B842 (P/N : 10W00B84200X0)**  
AMD R-series Dual/Quad processors, AMD Hudson-M3 A70M chipset  
AMD Radeon™ E6760 GPU

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660