NDiS B866

Main Features

- 6th generation Intel® Core™ processor
- AMD RADEON™ E8870 EMBEDDED GPU
- 6 HDMI Output (4K2K resolution support)
- Compact 1U chassis design
- Removable dual HDD tray supporting RAID 0, 1

Product Overview

NDiS B866 is specifically designed to address the need for application to present high quality contents on video wall, central control room, and multi-display applications. NDiS B866 provides 6 independent HDMI and 6 x USB3.0 and dual GbE Ethernet with optional WLAN. Powered by the 6th generation Intel® Core™ processor and discrete AMD E8870 GPU, NDiS B866 can smoothly playback multiple 4K video clips. NDiS B866 is an advanced media player for any applications to demonstrate high quality and high impact contents over multiple displays.

Specifications

CPU Support
- 6th generation Intel® Core™ LGA socket type processor (up to 65W)

Chipset
- Intel® PCH Q170

Graphics
- AMD RADEON™ E8870 EMBEDDED GPU

Main Memory
- 4 x 260-pin SO-DIMM socket, Supports DDR4 1866/2133 MHz non-ECC, Un-buffered memory up to 64GB

I/O Interface-Front
- 1 x Power Switch with LED (Blue)
- 1 x HDD LED (Red)/Power LED (Green)
- 2 x USB3.0
- 2 x DB9 for RS-232
- 1 x HDMI input Port (Optional)
- 1 x Reset onboard push button
- 6 x 2 HDMI plug status LED (Green plugged, Red unplugged)

I/O Interface-Rear
- 1 x Line-out
- 1 x Mic-in
- 1 x SPDIF
- 4 x USB3.0
- 2 x RJ45 with LEDs 10/100/1000Mbps Ethernet
- 6 x HDMI 1.4 (six 3840 x 2160 @ 30Hz in clone/ extended desktop mode)
- 1 x AC power inlet
- 3 x Antenna hole for Wi-Fi or TV tuner

Storage
- 2 x SATA 2.5"
- 2 x NGFF (M key), support 2242,2280

Expansion
- 1 x mini-PCIe slot (full size)
- 1 x NGFF (E key), support 1630/2230 for optional WLAN
- 2 x SIM Slot

Dimensions
- 428mm (W) x 344mm (D) x 44mm (H)

Power Supply
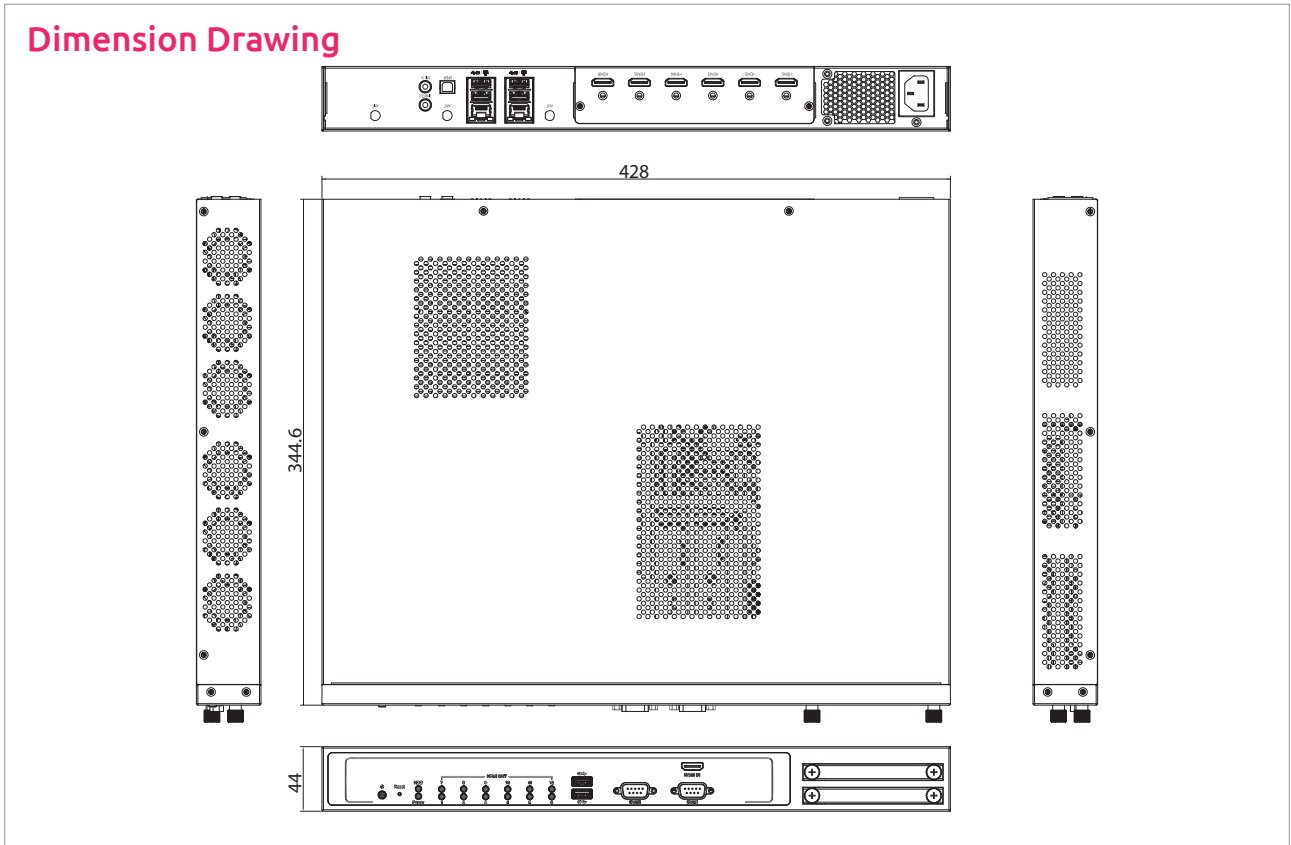- 1 x internal 250W power supply with active PFC (Power Factor Correction), Input: 115VAC~230VAC

Environment
- Operating temperature: 0°C to 40°C
- Storage temperature: -40°C to 80°C
- Humidity: 10 to 95% (non-condensing)

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NEXCOM

Dimension Drawing

Operating System Support
- Win10/Linux

Certification
- CE approval
- FCC Class A

Video Wall Supported Matrix

Number of Display	Grid Configuration
2	1 x 2
2	2 x 1
3	1 x 3
3	3 x 1
4	2 x 2
4	1 x 4
4	4 x 1
5	1 x 5
5	5 x 1
6	1 x 6
6	6 x 1
6	2 x 3
6	3 x 2

Ordering Information

- **NDiS B866 (P/N: 10W00B86600X0)**
  6 HDMI Ports Multi-Display Embedded Computer