NDW 720

Cost-effective Video Wall Controller for 1x2 or 2x1 Screen Matrix

Main Features

- Flexible display output for 1x2 or 2x1 screen matrix
- Support portrait or landscape display orientation
- High resolution up to 3840x1080 or 1920x2160

- Slim and Compact Enclosure
- Low acoustic noise
- Rich I/O features

System Overview

NDW series are range of cost effective video wall controllers designed for applications to monitor numerous information simultaneously or to target audiences by high impact content on large display.

NDW 720 comes with two HDMI video outputs in resolution up to 1920x1080 each. The two video outputs can be organized in 1x2 or 2x1 screen matrix. The display contents will be stretched across the screens in landscape or portrait display orientation with aggregated resolution up to 3840x1080 or 1920x2160. NDW 720 operates Windows operating system by powerful processor. User can load and run off-the-shelf Windows applications at NDW 720 without the need of extra computer. The contents, such as video, image, presentation, documents…, can be freely displayed on full screens area or rectangle area at any screen location. The video outputs of NDW 720 can be adjusted via friendly utility to unify the screen matrix display quality.

Thanks to the compact enclosure and low acoustic noise design, NDW 720 can be integrated to the display devices without dedicated space to host the controller. NDW 720 features rich I/O ports, including two independent audio outputs, GbE Ethernet, and optional wireless LAN, TV tuner, and digital/analog video input. NDW 720 is ideal as entry level video wall controller for control room display, meeting room display, or high impact digital signage display.

Specifications

Software
- Window XP pro
- Display configration utility

Main Board
- AMD PhenomII X4 905e quad core processor
- 2GB DDR2 SDRAM memory

Storage Device
- 160GB HDD

I/O Interface-Front
- 1 x HDD Status LED (Yellow)
- 1 x Power Status LED (Green)

I/O Interface-Rear
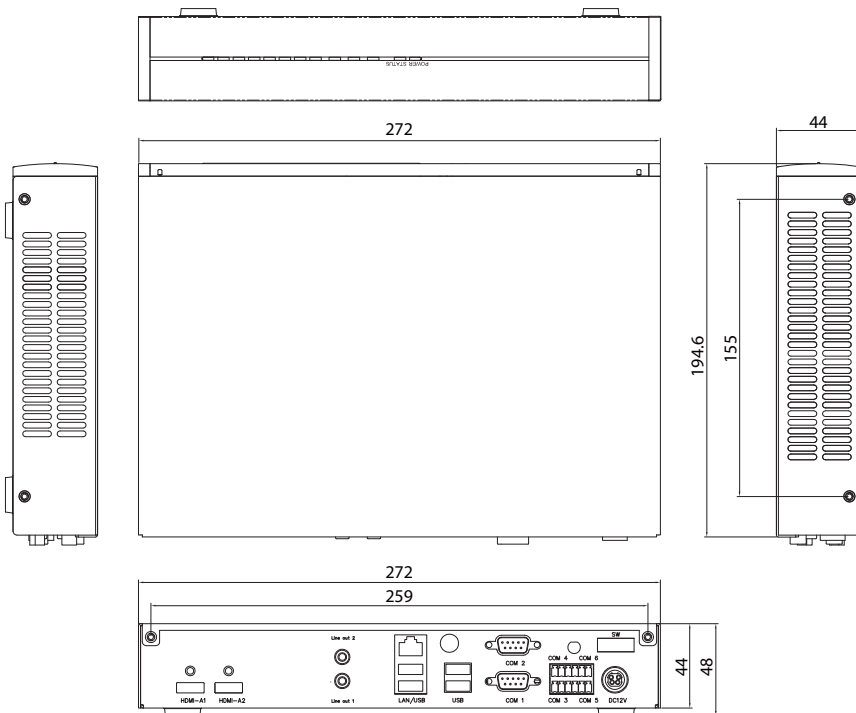- 2 x HDMI
- 2 x Audio line-out
- 1 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 2 x DB9 for RS-232
- 1 x terminal block for 4 serial ports
- 4 x USB
- 1 x Power switch
- +12V DC-in
- 2 x Antenna hole for WiFi and TV tuner

Expansion
- 1 x Mini-PCIe socket for optional WLAN module
- 1 x Mini-PCIe socket for optional TV tuner module, or video input module

Dimension Drawing

272

44

194.6

155

272

259

44

48

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

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

Certification
- CE approval
- FCC Class A

Ordering Information

- **NDW 720 (P/N: 10F00072000X0)**
  AMD PhenomII 905e 2.5GHz Quad Core processor, 2GB DDR2 SDRAM, 160G HDD

![NEXCOM]   Video Wall Controller

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