

# NDW 740

Cost-effective Video Wall Controller for 2x2, 1x4, or 4x1 Screen Matrix



## Main Features

- ◆ Flexible display output for 2x2, 1x4 or 4x1 screen matrix
- ◆ Support portrait or landscape display orientation
- ◆ High resolution up to 3840x2160, 7680x1080, or 1920x4320
- ◆ 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 740 comes with four DVI video outputs in resolution up to 1920x1080 each. The four video outputs can be organized in 2x2, 1x4 or 4x1 screen matrix. The display contents will be stretched across the screens in landscape or portrait display orientation with aggregated resolution up to 3840x2160, 7680x1080, or 1920x4320. NDW 740 operates Windows operating system by powerful processor. User can load and run off-the-shelf Windows applications at NDW 740 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 740 can be adjusted via friendly utility to unify the screen matrix display quality.

Thanks to the compact enclosure and low acoustic noise design, NDW 740 can be integrated to the display devices without dedicated space to host the controller. NDW 740 features rich I/O ports, including four independent audio outputs, two GbE Ethernet, and optional wireless LAN, TV tuner, and digital/analog video input. NDW 740 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 configuration utility

### Main Board

- ◆ Intel® Core™ 2 Quad Q9400 quad core processor
- ◆ 2GB DDR2 SDRAM memory

### Storage Device

- ◆ 320GB HDD

### I/O Interface-Front

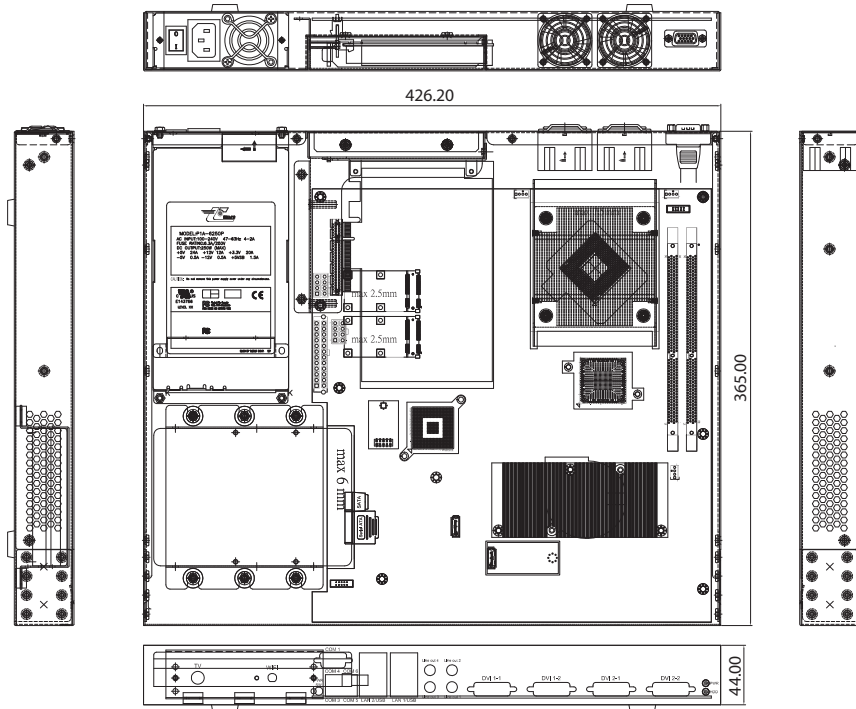
- ◆ 4 x DVI
- ◆ 4 x Audio line-out
- ◆ 2 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- ◆ 1 x DB9 for RS-232
- ◆ 1 x terminal block for 4 serial ports
- ◆ 4 x USB
- ◆ 1 x Power switch
- ◆ 2 x Antenna hole for WiFi and TV tuner

### I/O Interface-Rear

- ◆ 1 x DB9 for RS-232
- ◆ AC power inlet



## Dimension Drawing



### Expansion

- 1 x Mini-PCIe socket for optional WLAN module
- 1 x Mini-PCIe socket for optional TV tuner module
- 1 x PCIe x1 for optional video capture module

### Dimensions

- 426.2 (W) x 365 (D) x 44mm (H)  
(16.8" x 14.4" x 1.7") w/o mounting bracket

### Power Supply

- Input: 100-240VAC

### 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 740 (P/N: 10F00074000X0)**  
Intel® Core™ 2 Quad Q9400, 2GB DDR2 SDRAM, 320GB HDD