



## Product Overview

PDS series is range of network based rich features digital signage player designed to address a broad spectrum of digital signage applications.

PDS 7740 is an AMD Phenom II X4 quad core CPU based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for advanced digital signage applications. PDS 7720 is enclosed in a compact chassis and can be easily integrated to display device such as LCD TV or PDP at site installation. PDS 7720 support multiple displays output and is capable to layout display into multiple rectangle zones and play rich multi-media contents on each zone in accordance with user defined schedule table. This makes the PDS 7720 work perfect for increasing digital signage applications within retail outlets, department store, entertainment venues, restaurants, hotels, bus/train station, schools/universities and hospitals for dynamic message delivering, digital menu board, advertising, or brand promotion.

## Presentation Design Tool

The presentation design tool is one of the most valuable parts of the PowerDigiS software. It helps digital signage content creator on intuitive operations to ease the output of presentation to the player. The tool provides quick screen layout design function. The screen layout can be saved as template for reuse. The tool provides an easy drag and drop method to organize contents in playlist and associate playlist to each zones in the screen layout. The tool provides handy preview function for individual content files and final presentation. The presentation design tool also integrates easy upload function to publish presentation design to removable media, central management server, or player.

## User's Benefits

- Seamless hardware and software integration for operation reliability
- Flexible display configuration
- Presentation design is simple and intuitive
- Presentation publish and scheduling is easy
- Presentation content support is rich and versatile
- Self-contained device for easy deployment

## Software Specification

### Content Source

- Local disk or network server

### Video File Format

- MPEG1/2, AVI, VOB, MOV, WMV, VC-1, H.264

### Flash File Format

- SWF

### Picture File Format

- JPG, TIFF, ICP, PNG, GIF, BMP, WMF

### Sound Format

- WAV, SND, MP3, M4A

### Web/Data

- Web URL
- Text files
- RSS news feed

### Screen Support

- 1x2/2x1 screen matrix
- Portrait or Landscape orientation
- Presentation can be segmented to different screen layouts
- Up to 9 display zones in each screen layout

### Playing Effect

- Scrolling text and emergency message
- Image transition effect
- Multiple languages

### Content Throughput

- Up to 2 x HD video zones or 1x Full HD video zones
- Multiple shockwave flash, pictures, and scrolling text zones

### Management Function

- Web-based management with password access control
- Multilingual management interface
- Presentation management
- Presentation scheduling
- System event log
- Presentation playing log
- Presentation play/Pause/Stop control function
- System reboot, Shutdown, Firmware upgrade

### Presentation Design

- Presentation layout and playlist editing function
- Presentation and content file preview function
- Presentation publish function

### Operating System

- Windows XP Embedded

## Hardware Specifications

### Main Board

- AMD PhenomII X4 905e quad core processor

### Main Memory

- 1GB DDR2 SDRAM

### Storage Device

- 160GB SATA HDD

### I/O Interface

- 2 x HDMI
- 2 x Audio line-out
- 4 x USB
- 1 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 2 x DB9 for RS-232
- 4 x COM in terminal port (TX & RX only)
- 8 x GPIO terminal (4 in, 4 out)
- 2 x Antenna hole for WiFi and TV tuner

### Expansion

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

### Power Supply

- 1 x External 96W AC/DC adapter  
Input: 100-240VAC  
Output: +12VDC

### Dimensions

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

### Environment

- Operating Temperature: Ambient with air flow from 0 to 40°C
- Storage Temperature: -20 to 85°C
- Humidity: 10 to 90% (Non-condensing)

### Certification

- CE approval
- FCC Class A

## Ordering Information

- **PDS 7720 (P/N: Coming Soon)**  
AMD PhenomII 905e 2.5GHz Quad Core processor, 2GB DDR2 SDRAM, 160G HDD