PDSB 842

Product Overview

PDSB 842 is an AMD R-series Dual/ Quad Processors based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for advanced digital signage applications. PDSB 842 is enclosed in a compact chassis and can be easily integrated to display device such as LCD TV or PDP at site installation. PDSB 842 support multiple displays output and is capable to layout displays into multiple rectangle zones and play rich multi-media contents on each zone in accordance with user defined schedule table. This makes the PDSB 842 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 Specifications

Content Source
- Local disk or network server

Video File Format
- MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb

Flash File Format
- SWF, FLV

Picture File Format
- JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF

Sound Format
- MIDI, MPEG-1-Audio LayerII (MP2), mp3, SND, M4A, AAC, wav, wma, ogg, ra

Web/Data
- Web URL
- Text files
- RSS news feed

Screen Support
- Single display, four independent displays, 4x1 Display Group, 1x4
- Display Group and 2x2 Display Group
- 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 4 x HD video zones or 2 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
- Ubuntu Linux

Hardware Specifications

Storage Device
- 320GB SATA HDD

I/O Interface
- 1 x HDD LED
- 1 x Power LED
- +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

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

Dimensions
- 280mm (W) x 230mm (D) x 44mm (H) (11.0" x9.0" x 1.7") w/o mounting bracket

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

Ordering Information

- **PDSB 842 (P/N: 10B00B84200X0)**