

Fanless Box-PC 7740 DSA

PKDS2012



The Fanless Box-PC Digital Signage Appliance series is range of network based rich features digital signage player designed to address a broad spectrum of digital signage applications. The Fanless Box-PC 7740 DSA is an Intel® Core™ 2 Quad CPU based digital signage player pre-loaded with user-friendly digital signage software, targeting for advanced digital signage applications. The Fanless Box-PC 7740 DSA is enclosed in a compact chassis and can be easily integrated to display device such as LCD TV or PDP at site installation. The Fanless Box-PC 7740 DSA 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 Fanless Box-PC 7740 DSA 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.

The presentation design tool is one of the most valuable parts of the Digital Signage 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.



Front Side



Rear Side

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

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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

- Single display, four independent displays, 2x2/1x4/4x1/1x3/3x1 expanded displays
- 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 4x HD video zones or 2x 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 Specification

Main Board

- Intel® Core™ 2 Quad Q9400

Main Memory

- 2GB DDR3 SDRAM

Storage Device

- 160GB SATA HDD

I/O Interface

- 4x DVI
- 4x Audio line-out
- 4x USB
- 1x RJ45 with LEDs for 10/100/1000Mbps Ethernet
- 2x DB9 for RS232
- 4x COM in terminal port (TX and RX only)
- 8x GPIO terminal (4 in, 4 out)
- 2x Antenna hole for WiFi and TV tuner

Expansion

- 1x Mini-PCIe for optional WLAN module
- 1x Mini-PCIe for optional TV tuner module
- 1x PCIe slot for analog video input

Power Supply

- Input: 100 to 240VAC

Dimensions

- 360 x 426 x 44 mm (W x D x H)

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

PKDS2012 Fanless Box-PC 7740 Digital Signage Appliance
Digital Signage Player w/Software Intel Core 2 Quad