

# Fanless Box-PC 5540 DSA

## PKDS2004



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 5540 DSA is an AMD Athlon™ 64 X2 Dual Core CPU based digital signage player pre-loaded with user-friendly digital signage software targeting for advanced digital signage applications. The Fanless Box-PC 5540 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 5540 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 5540 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 3x 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

- AMD Athlon™ 64 X2 4200+ Dual Core processor

#### Main Memory

- 1GB DDR2 SDRAM

#### Storage Device

- 160GB SATA HDD

#### I/O Interface

- 2x DVI-I, 2x DVI-D
- 4x Audio line-out
- 4x USB
- 2x 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 or TV tuner module

#### Power Supply

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

#### Dimensions

- 272 x 195 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

PKDS2004 Fanless Box-PC 5540 Digital Signage Appliance Player  
Digital Signage Player w/Software AMD Athlon based