

SRP-131: An Intelligent eMenu Solution for the Food and Beverage Industry

Advantech iRetail Solution Ready Platform Portfolio

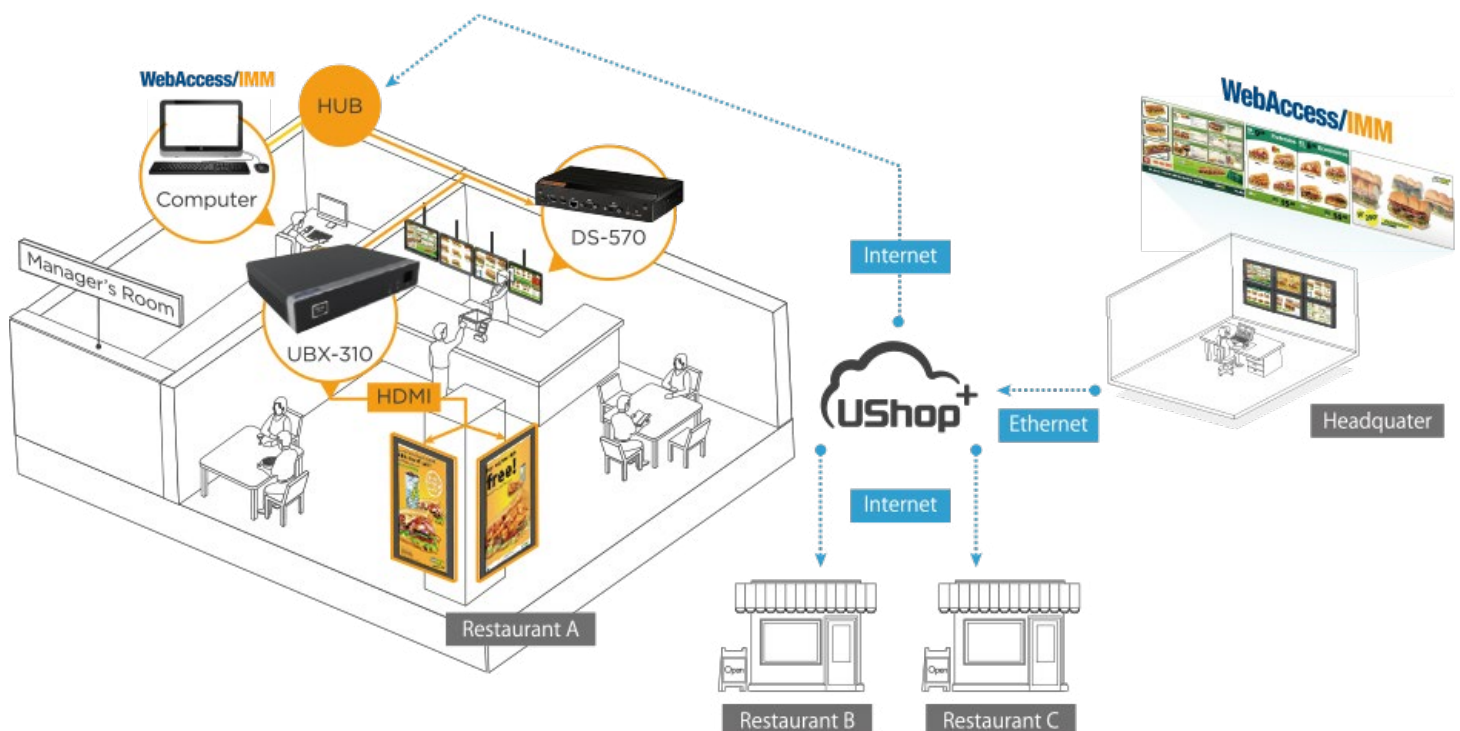
As one of the leading intelligent solution providers, Advantech offers a portfolio of solution-ready and service-ready platforms to offer user-centric solutions that are flexible and scalable. The iRetail portfolio includes solutions for Digital Signage, eMenu Board and Store Traffic analysis. This product brief highlights the key features, benefits, and ordering information for the Digital Signage solution.

Intelligent eMenu Board: Boosting Sales with Dynamic and Appealing Content

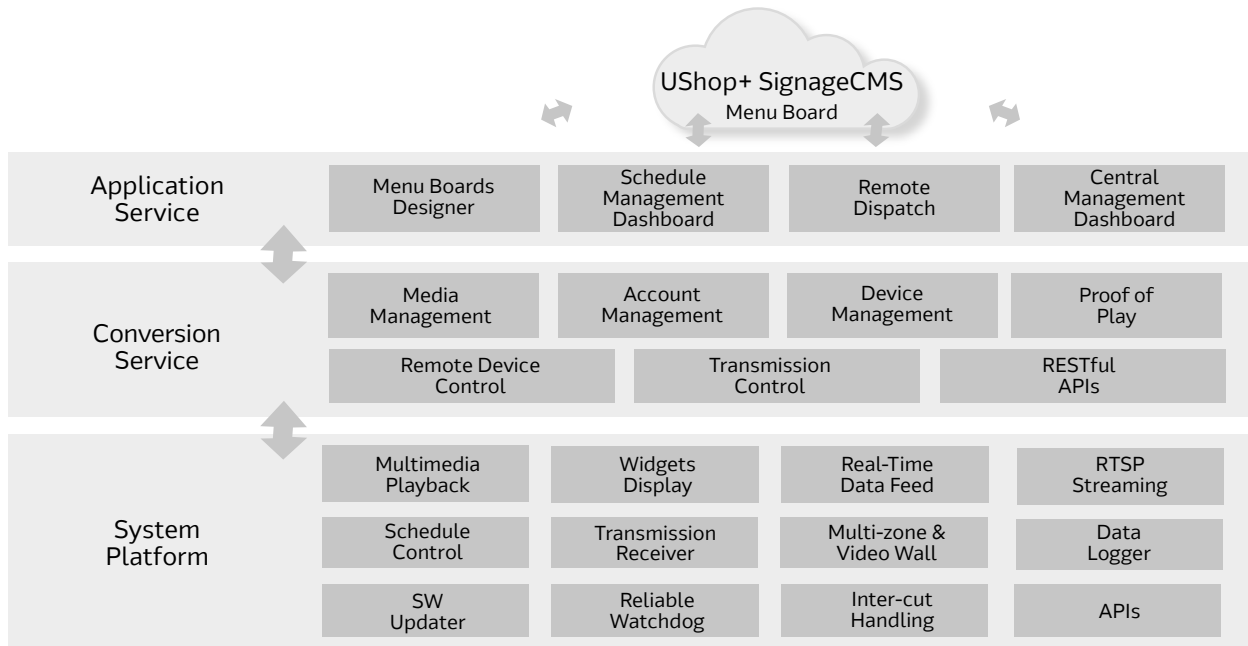
Advantech's UShop SRP -131, Intelligent eMenu Board solution, allows users to easily promote services and products via real-time advertisements. Users can remotely edit and dispatch content to the eMenu Board system, which then disseminates the content to all chain restaurants. The system can be integrated with the restaurant's POS data, users can then immediately update product prices or meal promotions for limited periods.

Key Benefits of the Solution

- **Reduces costs by up to 7%:** The solution is a comprehensive package comprising a menu board player, industrial-grade servers, and content management software. Users can reduce operating costs by up to 7% by eliminating poster printing and decreasing human resource costs.
- **Updates price in real-time:** For limited-time promotions, branch restaurant owners can edit menu prices and directly publish menu content updates remotely.
- **Convenient centralized management:** The solution supports cloud management, which enables restaurant owners to distribute menu contents to up to 500 remote client devices.



Software Architecture



Dashboard Design Features

- **Diverse menu templates:** Diverse menu templates are provided to satisfy various usage requirements. To create a menu, users only need to select a template, edit the content, choose a color theme from the tool bank, and export the menu.
- **"WYSIWYG" user interface:** Using the "what you see is what you get (WYSIWYG)" user interface for editing, users can drag-and-drop content and view the layout as a finalized artwork.
- **schedule and dispatch:** Content can be scheduled for specific times. Users can pre-program menus for breakfast, lunch, and dinner and dispatch them to various locations in advance.
- **Remote device management:** Managers can supervise and monitor the content program status from any of the menu board player client devices at diverse locations via the cloud platform.

UShop eMenu Server

UShop eMenu server is an easy-to-use menu central management system for restaurant menu management. It includes a server system and virtual server (software only) that offers complete flexibility and control over displays and content.

- Server-client architecture
- One server supports up to 500 clients
- Supports public or private cloud service
- Centralized content management in real-time



eMenu Board Player Comparison

Advantech offers three options for board players — Lite (1-2 displays), Standard (1-4 displays), and Pro (up to 6 displays). eMenu server software can also be purchased and installed in self-owned servers for managing multi-client displays all at once.

Features	Lite	Standard	Pro
Part Number	UBX-310UDS1-G1E-C	DS-570UDS1-G1E-C	DS-980UDS1-G1E-C
CPU	Intel Bay Trail J1900 2.4 GHz	Intel Bay Trail J1900 2.4 GHz	Intel Skylake i7-6700TE
RAM	4GB DDR3L 1333 MHz	4GB DDR3L 1333 MHz	8GB DDR4-2133 MHz
Graphic	Intel HD Graphics	NVIDIA GeForce GT 730M	NVIDIA GT 730 1G
Numbers of Display Output	2 (HDMI, VGA)	4 (2 × HDMI, 1 × DP++, 1 × VGA)	6 (6 × HDMI)
Storage	SATA 2.5" HDD 500 GB	SATA 2.5" HDD 500 GB	SATA 2.5" HDD 500 GB
Internet	1 × RJ45 (10/100/1000 Mbps)	2 × RJ45 (10/100/1000 Mbps)	2 × RJ45 (10/100/1000 Mbps)
I/O	5 × USB, 3 × COM, 1 × LPT	4 × USB, 3 × COM, 2 × Mini-PCle (Internal)	6 × USB, 3 × COM, 2 × Mini-PCle (Internal)
Power	12V DC-in	19V DC-in	12V DC-in 150W for top; optional 12V DC-in 84W for bottom
Size	245 × 45 × 185 mm	220 × 44.2 × 150 mm	190 × 250 × 88 mm
Weight	2.0 kg	1.7 kg	3.6 kg
Operating System	Microsoft Windows 7 Embedded		
Software	UShop+ SignageCMS		

Ordering Information

Server Software

Digital Signage Server Software (968SPUDSS0)

System Computing

Digital Signage Player Lite (1-2 Displays) (UBX-310UDS1-G1E-C)
 Digital Signage Player Standard (1-4 Displays) (DS-570UDS1-G1E-C)
 Digital Signage Player Pro (Up to 6 Displays) (DS-980UDS1-G1E-C)

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