WebAccess+IMM 智能多媒體數位公播解決方案

諾亞媒體 NOVA MEDIA

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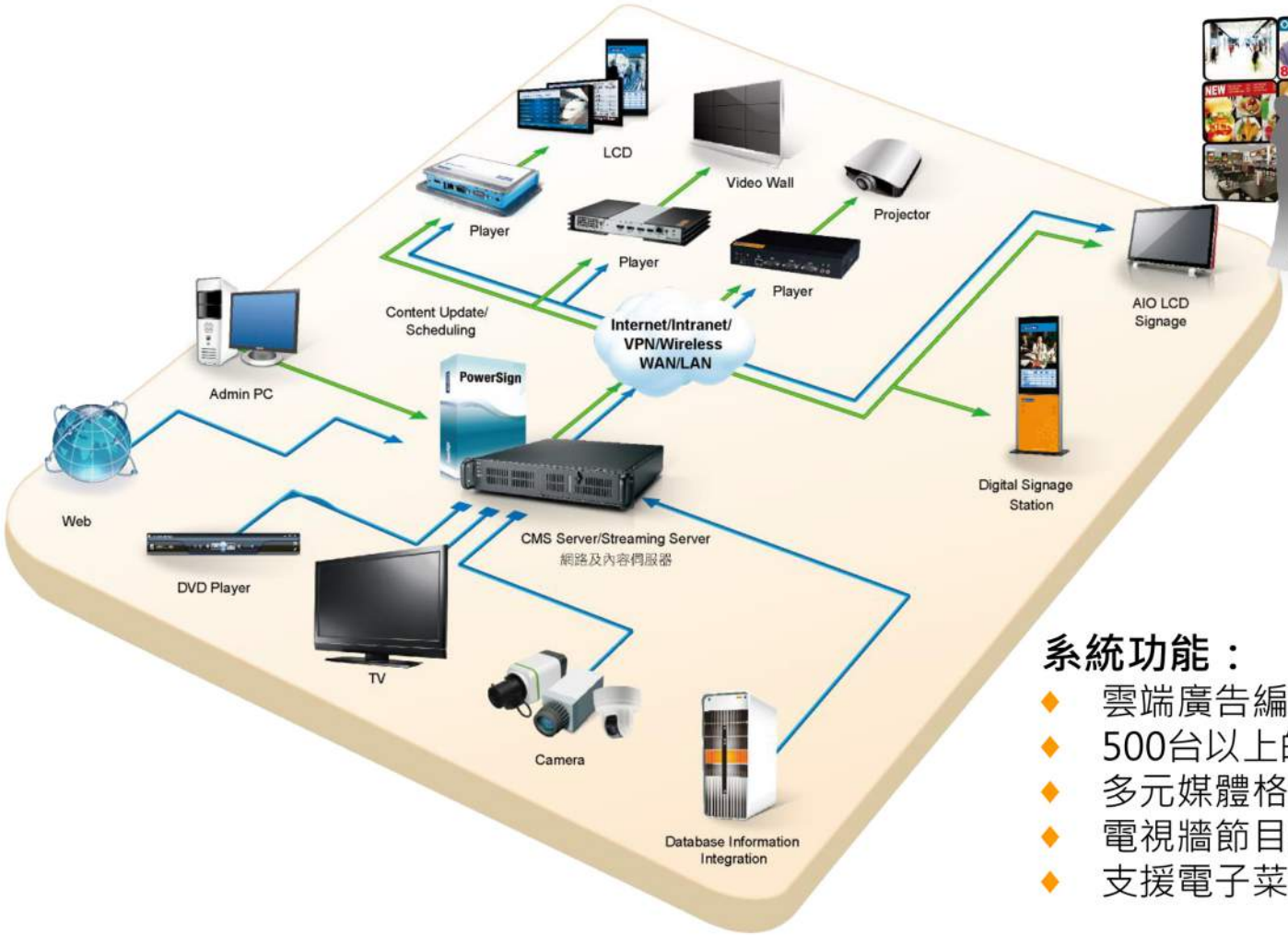
WebAccess+IMM 超越以往的數位公播解決方案

WebAccess+IMM以數位及動態的方式與顧客進行溝通，給予超越以往的體驗，針對零售店端、醫療場所、企業樓宇、機場、行政機關以及工廠，提供專屬的服務與應用。協助業主達成 ：

- 吸引目光刺激消費，增加營收
- 改變等待認知，提升顧客滿意度
- 播放廣告，經營品牌形象
- 優化工作流程，提升營運效率

WebAccess+IMM 系統架構圖

WebAccess+IMM以網路架構為基礎，透過中央伺服器，輕鬆派送節目至遠端螢幕，管理播送訊息的時間和正確性，還能在多個螢幕和地點放送針對區域設計的播放清單和時間表。

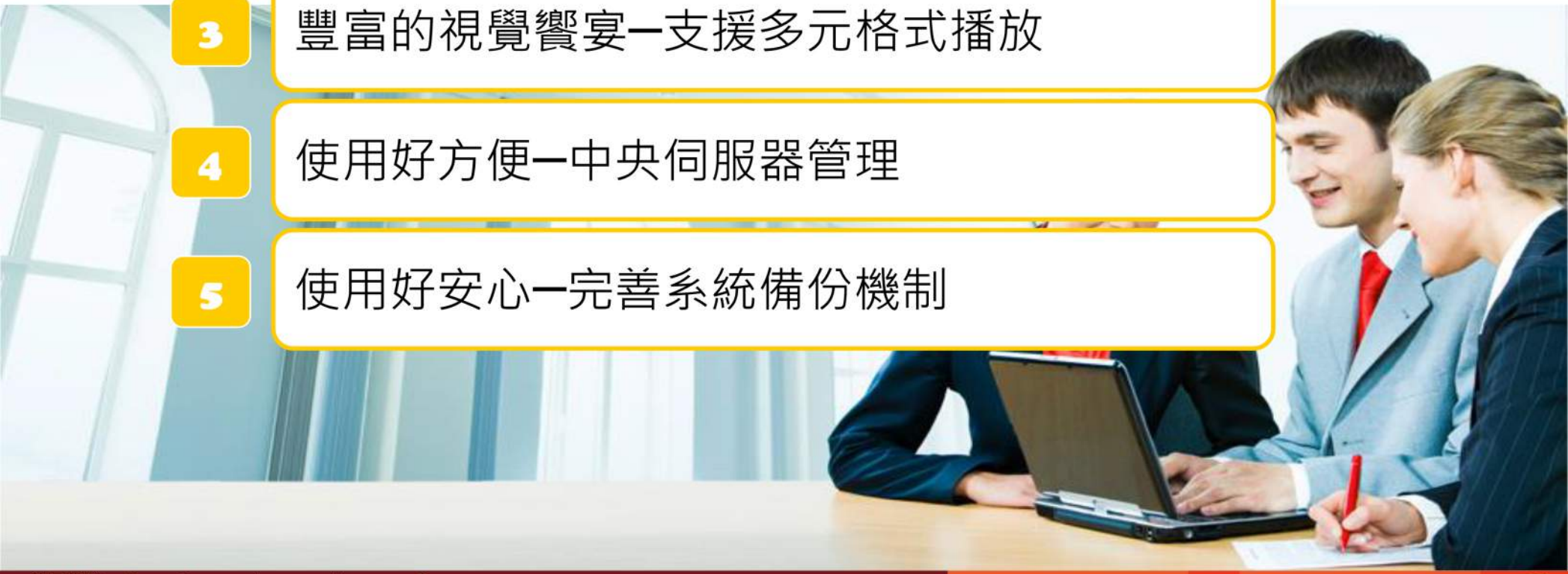


系統功能：

- 雲端廣告編輯、排程與派送
- 500台以上的播放器群組管理
- 多元媒體格式播放
- 電視牆節目編輯
- 支援電子菜單、會議室顯示系統等各式情境應用

WebAccess+IMM Features

1. 簡單三步驟—完成節目規劃與播放
2. 操作輕鬆寫意—友善使用者介面
3. 豐富的視覺饗宴—支援多元格式播放
4. 使用好方便—中央伺服器管理
5. 使用好安心—完善系統備份機制



五大特色：

1 簡單三步驟一完成節目規劃與播放

第一步：上傳播放媒體

可依活動名稱管理多媒體檔案，檔案存放位置清楚明瞭

第二步：版面編排

用滑鼠拖曳編輯播放內容，自由定義播放版面

第三步：編輯播放時程

直接將節目拖曳到播放時刻表區，彈性簡便完成節目派送

五大特色：

2 操作輕鬆寫意—友善使用者介面

- 圖像化界面，清楚展示作業項目
- 以位移及拖曳方式輕鬆定義畫面分割

五大特色：

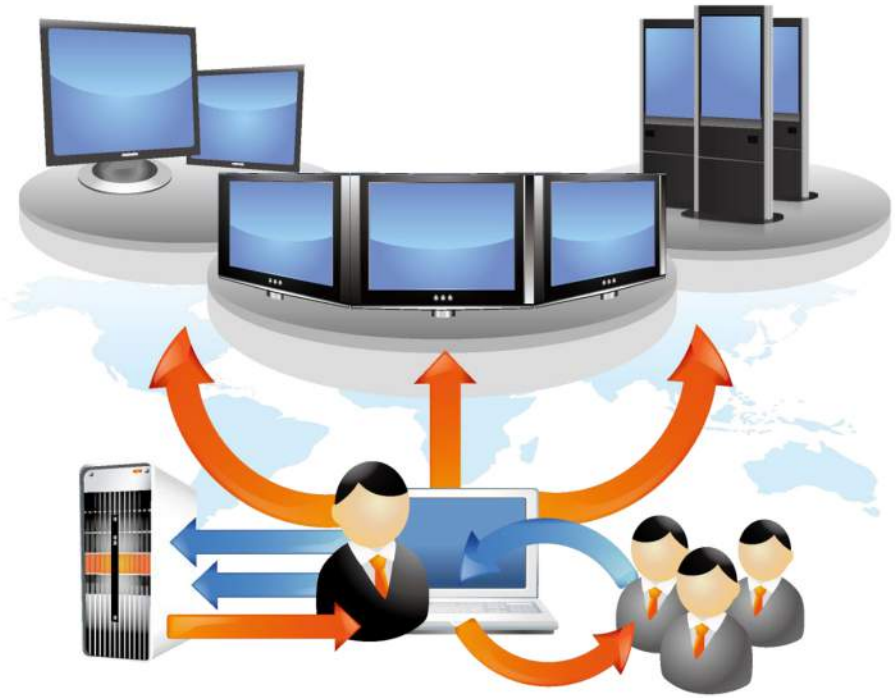
3 豐富的視覺饗宴—支援多元格式播放

- 圖片：JPG/GIF/BMP/PNG
- 影音：MPEG/AVI/WMV/WMA/MP3/FLV
- 佈告欄
- 跑馬燈
- 網頁
- Flash
- PPT投影片
- 時間
- 電視頻道
- 互動按鈕 (Touch Ver.)

五大特色：

4 使用好方便—中央伺服器管理

- 帳號與權限管理機制
- 群組管理機制
- 遠端節目編輯、排程、派送功能
- 遠端設備狀態管理 (軟影體狀態及網路狀態)
- 遠端調閱廣告即時畫面
- 遠端控制主機開關機



五大特色：

5 使用好安心—完善系統備份機制

- 提供媒體檔案備份
- 系統設定檔備份功能
- 一鍵還原媒體及系統設置

ARK-DS306

AMD G-Series Fanless Digital Signage Player

Features

- AMD G-series T40N (DC 1.0 GHz) + A50M FCH, 1 x DDR3 SODIMM, supports up to 4 GB
- DirectX® 11, 2D/3D acceleration, dual display: HDMI, VGA
- Built-in Mini-PCIe slot for easy expansion
- Supports 2 Gigabit LAN connectors, HD audio, 2 x COM, 2 x USB I/O interfaces
- Storage: 1 x 2.5" SATA HDD drive bay, 1 x CFast slot
- Supports VESA mounting (Optional)
- Supports iManager, SUSIAccess for Signage and Embedded Software APIs

Acronis McAfee SUSIAccess iManager

Windows Embedded Windows 7 Windows XP Professional Windows 8 AMD The future is fusion ATI

Introduction

The ARK-DS306 is powered by an AMD Embedded G-Series APU with the AMD A50M Fusion Controller Hub system chipset, and provides a power-efficient platform for high-performance multi-media content delivery. Based on this new APU platform, ARK-DS306 offers an outstanding visual experience with full multi-media capability, while maintaining very low power consumption. It is an excellent high performance solution for versatile digital signage applications.

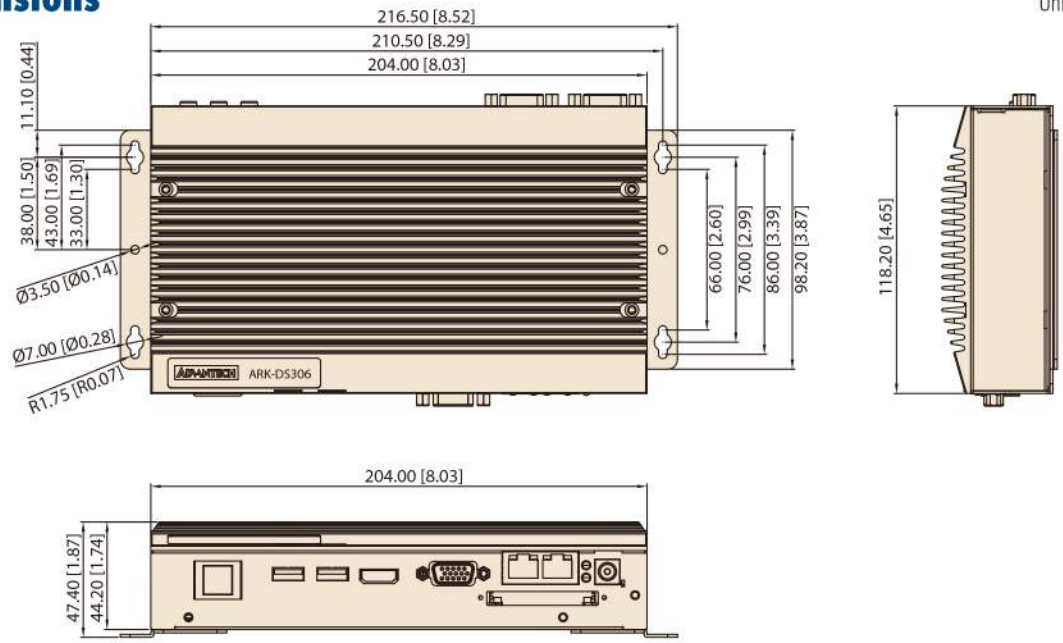
Specifications

Processor System	CPU	AMD G-Series, T40N 1.0GHz dual core
	System Chipset	A50M FCH
	BIOS	AMI EFI 16 Mbit
Memory	Technology	1 x DDR3 204-pin SODIMM
	Max. Capacity	Max. up to 4 GB
Display	Chipset	AMD G-Series
	Graphic Engine	DirectX 11 graphics with UVD 3.0 2D Acceleration, 3D Acceleration, Motion Video Acceleration, Supports DVD, Blu-ray*
	Output	HDMI x 1, VGA x 1
	Resolution	VGA: 1920 x 1080 at 60 Hz HDMI: Supports 1920 x 1080p at 60 Hz, 36 bpp, Supports HDMI v1.3, using TMDS data encoding
	Dual display	Yes
Storage	SATA	1 x 2.5-inch SATA II HDD/SSD (support 9.5 mm / 7 mm height)
	Cfast (socket)	1
Ethernet	Interface	2 Gigabit LAN Controller Realtek RTL8111E-VB-GR 10/100/1000Mbps
	Connector	2 x RJ-45
Audio	Chipset	Realtek ALC892, High Definition Audio (HD)
I/O Interface	HDMI	1
	VGA	1
	LAN	2 (RJ-45)
	USB	2 (USB 2.0 compliant)
	Audio	Line-in, Line-out, Mic-in
	Serial	2 x COM (RS-232)
	Mini-PCIe (Internal)	1 (for optional expansion modules)
	Power input	1 (DC-in Jack)
Power Requirement	Management	ACPI 2.0
	Power Consumption	Typical: 9 W (w/o expansion) Max.: 13W (w/o expansion)
	Input Voltage	12V DC-in (ATX/AT mode, default ATX)
	Others	Supports boot on power back and schedule boot up function
Watchdog Timer	Output	Interrupt, system reset
	Interval	255 levels timer interval, programmable by software
Physical Characteristics	Mounting	Easy mounting kits for LCD or Plasma
	Dimensions (W x H x D)	204 x 44.2 x 118.2 mm
	Weight	1.1 kg
Environment	Operating Temperature	Operating: 0 ~ 40° C (32 ~ 104° F) (w / HDD); 0 ~ 50° C (32 ~ 122° F) (w / CFast Card)
	Relative Humidity	95% @ 40° C (non-condensing), Operating
Software Development Kit	Operating System	Supports Microsoft Windows 8, Windows 7, XP with SP3, XP Embedded
	EWF & WDT SDK	EWF and WDT libraries for signage stability design in XPE
	Linux	Linux Fedora 14
Certifications	Electromagnetic	CE/FCC Class A, CCC, BSMI
	Safety	UL,CB,CCC,BSMI

* Playback is supported by software not provided by Advantech.

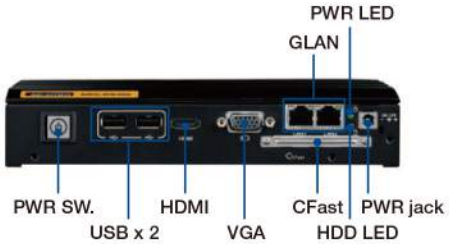
Dimensions

Unit: mm [inch]



ARK-DS306 External I/O

Front



Back

Packing List

Part Number	Description
-	1 x ARK-DS306 Unit
-	1 x Driver/Utility CD/Manual
-	1 x User Manual (Simplified Chinese)
-	1 x 12V Power Adapter
-	1 x China RoHS
-	1 x Mounting plate set

Ordering Information

Part Number	Description
ARK-DS306B-D0A1E	ARK-DS306 Barebone
ARK-DS306F-D0A1E	ARK-DS306, AMD T40N, 2G RAM, 500G HDD

Power Cord

Part Number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
170203180A	3-pin power cord (UK)
1700008921	3-pin power cord with PSE (Japan)
1700019146	3-pin power cord (CCC)

Embedded OS

Part Number	Description
2070010844	XPE WES2009 V4.0 Multi-24
2070011381	WES7E, 32-bit, EN/JP/TC/SC
2070012523	WES7P, 32-bit, EN/JP/TC/SC
2070012483	WE8S, 32-bit, EN/JP/TC/SC

Accessories

Part Number	Description
AMO-WIFI06E	Wi-Fi 802.11 b/g/n Mini-PCIe module (w/ antenna)
AMO-HSDPA02E	3.75G HSDPA Mini-PCIe module
AMK-V001E	VESA mount kit
AMK-V002E	VESA mount kit for ARM
AMK-V005E	VESA mount kit (Generic for ARK-DS/DS products)

DS-570

Intel® Celeron® N2930/ J1900 Quad-Core™ SoC with Advanced (NVIDIA GeForce GT 730M) Graphics Fanless Signage Platform

Features

- Intel Celeron N2930/ J1900 low power Quad-Core SoC platform (FANLESS) Integrated NVIDIA GeForce GT 730M graphic module for UHD/FHD playback
- Supports simultaneous multi-display output (any 2,3 or 4 outputs)
- Compact size mechanical design for easy installation in application field
- Highly expandable via internal Mini-PCIe interface (e.g. WLAN, 3G or TV tuner)
- 2 COM ports for system integration and application
- Content management software built-in for content editing, scheduling and remote monitoring functions

Acronis McAfee SUSIAccess

Windows Embedded Windows 7 Windows 8 NVIDIA

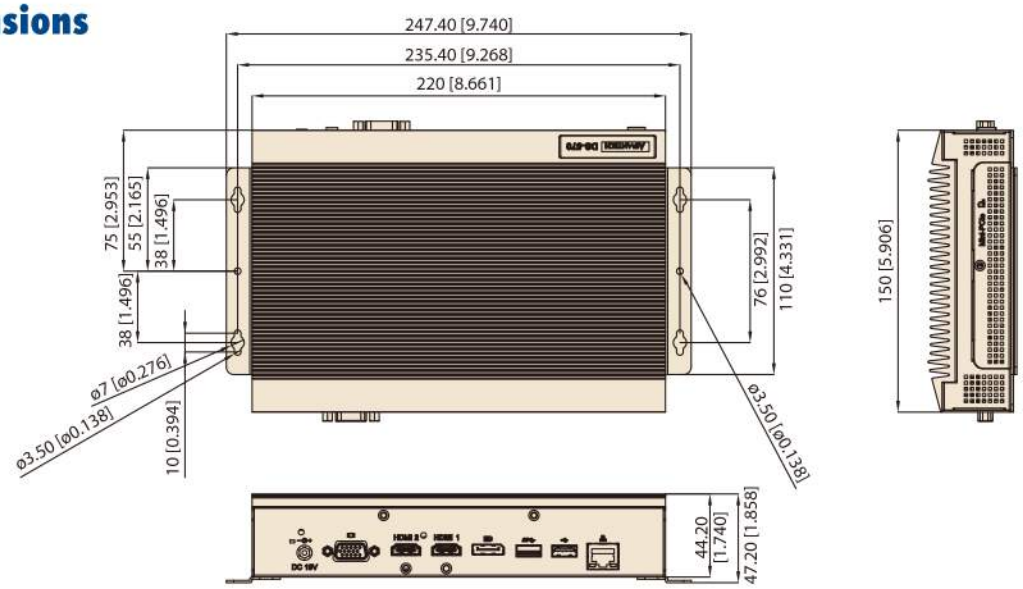
Specifications

		DS-570GB/ GF/ GQ	DS-570GL
Processor System	CPU	Intel Celeron N2930 Quad Core 1.86GHz/ J1900 Quad Core 2.0GHz	Intel Celeron N2930 Quad Core 1.86GHz
	System Chipset	Integrated in CPU	Integrated in CPU
	L2 Cache	2 MB	2 MB
	BIOS	AMI uEFI 64 Mbit	AMI uEFI 64 Mbit
Memory	Technology	2 x DDR3L 204-pin DIMM**	2 x DDR3L 204-pin DIMM**
	Max. Capacity	8GB (up to 4GB per each SODIMM)	8GB (up to 4GB per each SODIMM)
Display	Chipset	NVIDIA GeForce GT 730M	NVIDIA GeForce GT 730M
	Memory Size	Independent display memory 1024 MB	Independent display memory 1024 MB
	Resolution	VGA: up to 2048 x 1536 @ 60Hz HDMI: up to 3840 x 2160 @ 30Hz DP++: up to 3840 x 2160 @ 30Hz	VGA: up to 2048 x 1536 @ 60Hz HDMI: up to 3840 x 2160 @ 30Hz DP++: up to 3840 x 2160 @ 30Hz
	Output	2 x HDMI, 1x DP++, 1 x VGA	2 x HDMI, 1x DP++, 1 x VGA
	Multi display	Any 2, 3 or 4 outputs	Any 2, 3 or 4 outputs
	Video format	H.264, VC1, MPEG-1, MPEG-2, MPEG-4 Part 2SP, MPEG-4 ASP, WMV9, DivX 3.11	H.264, VC1, MPEG-1, MPEG-2, MPEG-4 Part 2SP, MPEG-4 ASP, WMV9, DivX 3.11
Storage	SATA	1 x 2.5-inch SATA II HDD/SSD (only support 7 mm height)	1 x 2.5-inch SATA II HDD/SSD (only support 7 mm height)
Ethernet	Interface	Gigabit LAN Controller	Gigabit LAN Controller
	Controller	2 x Intel I211	1 x Intel I211
	Connector	2 x RJ-45	1 x RJ45
I/O Interface	HDMI	2 (*HDMI 1 support CEC only)	2 (*HDMI 1 support CEC only)
	DP++	1	1
	VGA	1 (D-sub 15-pin)	1 (D-sub 15-pin)
	LAN	2 (RJ-45)	1 (RJ-45)
	USB 2.0	3	3
	USB 3.0	1	1
	Audio	1x audio phone jack for Mic-in, 1x SPDIF/ Line-Out (support jack-sense via OS setting)	1x audio phone jack for Mic-in, 1x SPDIF/ Line-Out (support jack-sense via OS setting)
	Serial	2 x COM (RS-232) or 1 x COM (RS-232/ RS-485/ RS-422) & 1 x RS-232	1 x COM (RS-232)
	Mini-PCIe (Internal)	2 (full-size for optional expansion modules)	1 (full-size for optional expansion modules)
	Power input	1 (DC-in jack)	1 (DC-in jack)
Power Requirement	Management	ACPI 3.0	ACPI 3.0
	Power Consumption Input Voltage	CPU N2930: - Typical: 10.5W (w/o expansion) - Max.: 15.7W (w/o expansion) CPU J1900: - Typical: 9.7W (w/o expansion) - Max: 22.6W (w/o expansion)	CPU N2930: - Typical: 10.5W (w/o expansion) - Max.: 15.7W (w/o expansion)
	Input Voltage	19V DC-in (ATX/AT mode, default ATX)	19V DC-in (ATX/AT mode, default ATX)
	Others	Supports boot on power back and schedule boot up function	Supports boot on power back and schedule boot up function
Watchdog Timer	Output	Interrupt, system reset	Interrupt, system reset
	Interval	Programmable by SUSIAccess	Programmable by SUSIAccess
Physical Characteristics	Mounting	Easy mounting kits for LCD or Plasma	Easy mounting kits for LCD or Plasma
	Dimensions (W x H x D)	220 x 44.2 x 150 mm	220 x 44.2 x 150 mm
	Weight	1.7 kg	1.7 kg
Environment	Operating Temperature	0 ~ 40° C (32 ~ 104° F) (w / HDD); 0° C~ 65° C (32 ~ 149° F) (w/ extend temp. Memory & SSD)	0° C~40° C (32~104° F) (w/HDD); 0° C~65° C (32~149° F) (w/extend temp. Memory & SSD)
	Relative Humidity	95% @ 40° C (non-condensing)	95% @ 40° C (non-condensing)
	Vibration Resistance	1.0 Grms, IEC 60068-2-64, random, 5~500 Hz, 10ct./min, 1hr/axis	1.0 Grms, IEC 60068-2-64, random, 5~500 Hz, 10ct./min, 1hr/axis
Software Development Kit	Operating System	Supports Microsoft Windows 8.1/ 8/ 7, WES7P, WES7E	Supports Microsoft Windows 8.1/ 8/ 7, WES7P, WES7E
	Linux	By project	By project
Certification	Electromagnetic	CE, FCC Class B, BSMI	CE, FCC Class B, BSMI
	Safety	UL, CCC, BSMI, CB, LVD	UL, CCC, BSMI, CB, LVD

*1 CEC pin definition reserved in HDMI, needs software to enable it
** If only one RAM, please insert it into SO-DIMM 1 slot and boot up.

Dimensions

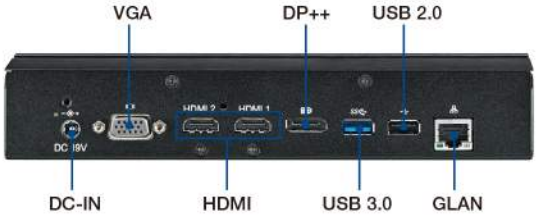
Unit: mm [inch]



DS-570 External I/O

Front

Back



Packing List

Part number	Description
-	1x DS-570 unit
-	1x Bracket sets for power adapter
-	2x Mount brackets
-	1x Power adapter
-	1x China RoHS

Ordering Information

Part number	Description
DS-570GB-U4A1E	DS-570, J1900+GeForce GT730M, barebone
DS-570GF-U4A1E	DS-570, J1900+GeForce GT730M, 2G RAM, 500G HDD
DS-570GQ-U4A1E	DS-570, J1900+GeForce GT730M, 2GRAM, 500GHDD, WES7P
DS-570GB-S8A1E	DS-570, N2930+GeForce GT730M, barebone
DS-570GF-S8A1E	DS-570, N2930+GeForce GT730M, 2G RAM, 500G HDD
DS-570GQ-S8A1E	DS-570, N2930+GeForce GT730M, 2G RAM, 500G HDD, WES7P
DS-570GL-S8A1E	DS-570GL, N2930+GeForce GT730M, 2G RAM, 500G HDD

Power Cord

Part number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
170203180A	3-pin power cord (UK)
1700008921	3-pin power cord with PSE (Japan)
1700019146	3-pin power cord with CCC (China)

Embedded OS

Part number	Description
2070013696	Img WES7E 64bit, EN/SC/TC/JP
2070013499	Img WES7E 32bit, EN/JP/TC/SC; SAS
2070013692	Img WES7P 64bit, EN/SC/TC/JP
2070013046	Img WE8S 64bit, Eng/Jpn/SC/TC

Before the OS installation, the OS selection should be set and matched what OS applied from BIOS.

Optional Items

Part number	Description
AMO-WIFI06E	Realtek/wifi 802.11bgn/miniPCIe, cable,antenna
AMO-WIFI07E	DHXA/wifi802.11abgn+BT4.0/miniPCIe, cable, antenna
AMO-HSDPA02E	U-blox/HSDPA 6band/miniPCIe, cable, antenna

DS-862

3rd Generation Intel® Core™ i Digital Signage Player with 4 independent displays

Windows Embedded Windows 7 Windows 8

Features

- 3rd Generation Intel® Core™ i7/i3 and Celeron® 1020E
- AMD Radeon E6460 GPU
- 4 independent display: 4 x DisplayPort (up to 3840x2160@30hz)
- Slim and compact design
- Bundle with SUSIAccess for Signage, supports multidisplay flexibility (2x2 or 1x4)

Acronis McAfee SUSIAccess

Introduction

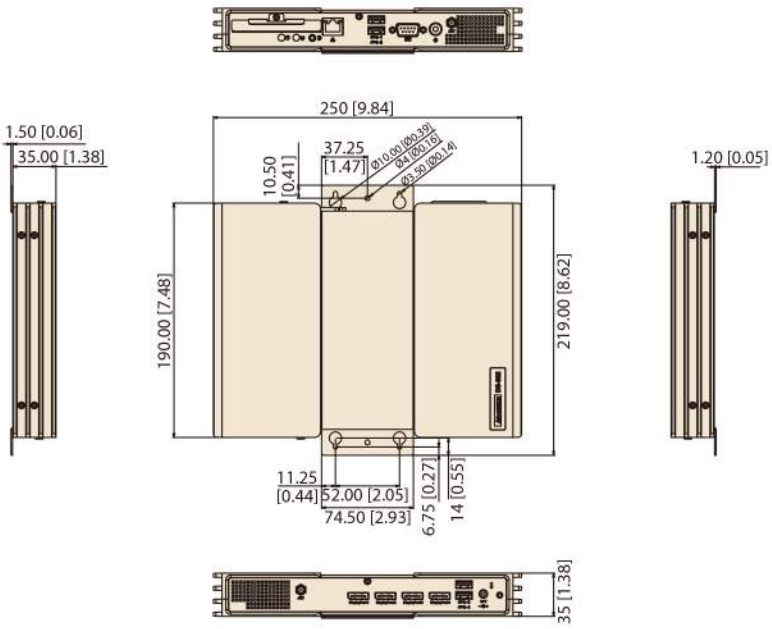
Designed for advanced digital signage and interactive media applications, DS-862 is powered by 3rd generation Intel Core i processor and AMD Radeon E6460 graphic chip to drive high quality contents up to 4K2K resolution. DS-862 supports four independent display by DisplayPort. DS-862 is preloaded with SUSIAccess for Signage software for scheduled broadcasting and content editing and support multi displays (2x2 or 1x4) broadcasting. DS-862's storage can be easily maintained by its special drawer design. DS-862 is ideal for multi-display applications in stores, stadiums, lobbies, restaurants, hotels and other public spaces.

Specifications

Processor System	CPU	3rd Generation Intel Core i7-3555LE/ i3-3217UE / Celeron 1020E
	System Chipset	Intel QM77
	BIOS	AMI uEFI 64 Mbit
Memory	Technology	2 x DDR3 204-pin SODIMM
	Max. Capacity	Max. up to 16 GB (8 GB per SODIMM)
Display	Chipset	AMD Radeon E6460
	Output	2 x DP1.2; 2 x DP1.1
	Resolution	Suports up to 3840x2160@30hz
	Video Format	H.264, VC-1, MPEG-2
Storage	SATA	1 x 2.5-inch SATA III HDD/SSD (only support 7mm height)
Ethernet	Interface	Gigabit LAN Controller
	Controller	Intel 82579LM
	Connector	1 x RJ-45
Audio	Chipset	Realtek ALC892, High Definition Audio (HD)
I/O Interface	DisplayPort	2 x DP1.1; 2 x DP1.2
	LAN	1 (RJ-45)
	USB	4 (USB 3.0 compliant)
	Audio	1 audio phone jack for Line-Out, Support jack sense via OS setting
	Serial	1 x COM (RS-232)
	Mini-PCIe (Internal)	1 (for optional expansion modules)
	Power input	1 (DC-in Jack)
Power Requirement	Management	ACPI 3.0
	Power Consumption	10W (Idle), 37W (maximum without expansion)
	Input Voltage	19 V DC-in (ATX mode)
Watchdog Timer	Output	Interrupt, system reset
	Interval	Programmable 1~255sec.
Physical Characteristics	Mounting	VESA/Wall/Din Rail Mounting
	Dimensions (W x D x H)	250 x 190 x 35 mm
	Weight	2.0 kg (4.41 lb)
Environment	Operating Temperature	0 ~ 40° C (32 ~ 104° F) (w / HDD)
	Relative Humidity	95% @ 40° C (non-condensing),Operating
	Vibration Resistance	0.3 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis.
Software Development Kit	Operating System	Supports Microsoft Windows 8.1, Window 7
	EWF & WDT SDK	EWF and WDT library for signage stability design in Windows OS
	Linux	by project
Certifications	Electromagnetic	CE/FCC Class B, CCC, BSMI
	Safety	UL, CCC, BSMI

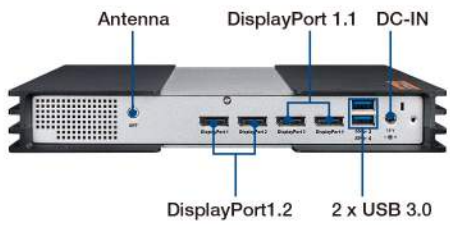
Dimensions

Unit: mm [inch]

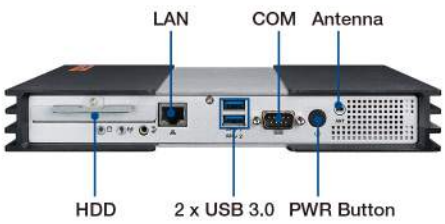


DS-862 External I/O

Front



Back



Packing List

Part Number	Description
-	1 x DS-862 unit
-	1 x 19V (65W) adapter
-	1 x Simplified Chinese User Manual
-	1 x ChinaRoHs
-	1 set x mounting bracket
-	1 x SUSIAccess for Signage DVD

Emdedded OS

Part Number	Description
2070012912	WES7P 64bits,10MUI, SUSIAccess Pro
2070012913	WES7E 64bits,EN/TC/SC/JP, SUSIAccess Pro

Optional Items

Part Number	Description
1700022210-01	DisplayPort(M)-to-HDMI(F) active adapter 6cm
AMO-WIFI06E	Wi-Fi 802.11 b/g/n MiniPCIe Module (including Antenna & Cable)
AMO-HSDPA02E	3.75G HSPA Full-size MiniPCIe Module (including Antenna & Cable)
AMK-V005E	VESA mount kit

Ordering Information

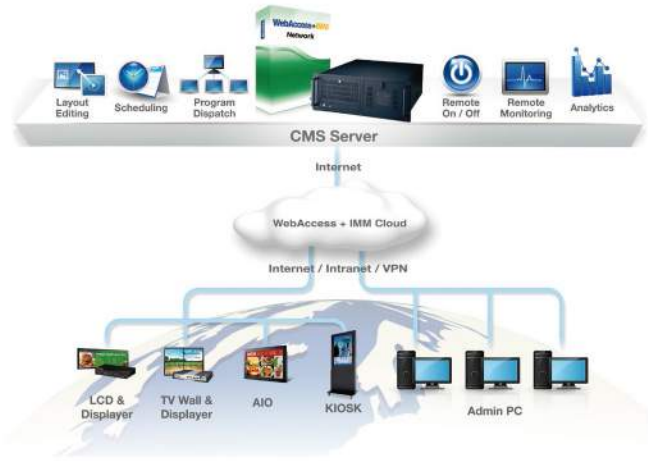
Part Number	Description
DS-862GB-U5A1E	DS-862, Core i7-3555LE, Barebone
DS-862GB-S6A1E	DS-862, Core i3-3217UE, Barebone
DS-862GB-U2A1E	DS-862, Celeron 1020E, Barebone
DS-862GF-U5A1E	DS-862, Core i7-3555LE, 4G RAM, 64G SSD
DS-862GF-S6A1E	DS-862, Core i3-3217UE, 4G RAM, 64G SSD
DS-862GF-U2A1E	DS-862, Celeron 1020E, 4G RAM, 64G SSD
DS-862GQ-U5A1E	DS-862, Core i7-3555LE, 4G RAM, 64G SSD, WES7E64bits
DS-862GQ-S6A1E	DS-862, Core i3-3217UE, 4G RAM, 64G SSD, WES7E64bits
DS-862GQ-U2A1E	DS-862, Celeron 1020E, 4G RAM, 64G SSD, WES7E64bits

Power Cord

Part Number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
170203180A	3-pin power cord (UK)
1700008921	3-pin power cord with PSE (Japan)
1700019146	3-pin power cord (CCC)

WebAccess+IMM
(Interactive Multimedia Software)

Web-based Digital Signage Content Management System



Features

- Server-client architecture for remotely managing signage programs
- Edit and dispatch programs within 3 steps with an easy-to-use interface
- Supply more than 10 media materials
- Support multi-screen displays
- Provide remote device management
- Offer system backup and recovery

Introduction

Advantech interactive multimedia software WebAccess+IMM, provides the platform for editing and dispatching digital signage programs. WebAccess+IMM allows users to manage and display dynamic, tailored messages which increases sales in real time.

Feature Details

Server-client architecture

WebAccess+IMM adopts a server-client architecture. Users can easily manage signage programs through web-browser. A single server can manage up to 500 players/clients (If you would like to connect more than 500 clients, please contact our sales representative.).

User-friendly interface

WebAccess+IMM allows users to edit and dispatch signage programs in 3 steps by simply drag-and-drop.

Rich media formats

TV/ Webpage/ Flash/ PPT/ Scrolling/ Time

Image: JPG/ GIF/ BMP/ PNG

Video: AVI/ WMV/ MPEG/ MKV/ MP4/ FLV/ MOV (depends on Codec)

Multi-screen display

WebAccess+IMM supports multi-screen displays up to 16 screens and full HD (1080p) to each screen. Program zones can span multiple screens.

Device monitoring and power management

Users can easily monitor each player screenshot and device status. Furthermore, it provides remote power on/off functions.

System backup and recovery

WebAccess+IMM offers a backup function for multimedia files, program data, and system settings. The backup data can be restored by a single mouse click.

Specifications

Coming Soon

Coming Soon

	Standalone	Network	Touch	Event	Android Network
Media Type					
Image	V	V	V	V	V
Video	V	V	V	V	V
Scrolling Text	V	V	V	V	V
Bulletin Board		V	V	V	
Time		V	V	V	V
Flash	V	V	V	V	
PowerPoint	V	V	V	V	
Webpage	V	V	V	V	V
Versatile	V	V	V	V	V
TV	V	V	V	V	
Interactive Button			V		
Gender Recognition				V	
Tag Trigger				V	

Coming Soon

Coming Soon

	Standalone	Network	Touch	Event	Android Network
Program Management					
Customize Program Layouts	V	V	V	V	V
Program Preview		V		V	V
Urgent Cast		V		V	
Output					
HD/Full HD Output	V	V	V	V	V
Portrait/Landscape Display	V	V	V	V	V
Multi-screen Output	V	V	V	V	
Audio Output	V	V	V	V	V
Touch Interaction			V		
Schedule Management					
Daily Schedule	V	V		V	V
Weekly Schedule	V	V		V	V
Monthly Schedule		V		V	V
Appointment Dispatch		V	V	V	V
Dispatch Records		V	V	V	V
Remote Player Management					
Multipoint Broadcasting	1	Unlimited	Unlimited	Unlimited	Unlimited
Player Group Setting		V	V	V	V
Remote Power on/off (Intel AMT)		V	V	V	
Remote Software Upgrade		V	V	V	V
Auto Shutdown Setting		V	V	V	
Hardware Monitoring		V	V	V	
Software Monitoring		V	V	V	
Screenshot Real-time Monitoring		V	V	V	V
System Management					
Authorization Setting		V	V	V	V
Simultaneous Editing		V	V	V	V
System backup/ Recovery	V	V	V	V	V
Resume download		V	V	V	V
Differential download		V	V	V	V
App monitoring		V	V	V	
Idle setting			V		

Minimum Requirements

	Server*	Client**
Operating System	Windows 7 or above Windows Server 2008 or above	Windows 7 (Embedded/POSReady)
CPU	Core2Duo or above Xeon 3000 Series or above	Intel Atom D525 or above
RAM	4GB or above	2GB or above
Hard Disk	250 GB or above (Depends on file size)	20 GB or above (Depends on file size)
Network	Static IP, 80 port	Dynamic IP
VGA		Independent graphics card

*Not applicable for Standalone version.

**Not applicable for Android Network version.

Admin PC

- **Browser** Internet Explorer: IE 8 or later version
  Chrome: Version 37 or later version

Recommended Hardware

Version	Server	Client
Standalone	N/A	▪ ARK-DS306F-D0A1E AMD T40N, 2G RAM, 500G HDD ▪ DS-570GF-S8A1E N2930+GeForce GT730M, 2G RAM, 500G HDD ▪ DS-862GF-U5A1E Core i7-3555LE, 4G RAM, 64G SSD
Network/ Event	▪ ARK-DS762GQ-U3A1E Intel 3rd Gen. Core i7-3610QE, 4G RAM, 250G HD	▪ ARK-DS306F-D0A1E AMD T40N, 2G RAM, 500G HDD ▪ DS-570GF-S8A1E N2930+GeForce GT730M, 2G RAM, 500G HDD ▪ DS-862GF-U5A1E Core i7-3555LE, 4G RAM, 64G SSD
Touch	▪ DS-862GF-U5A1E Core i7-3555LE, 4G RAM, 64G SSD ▪ AGS-910I-R11A1E Dual Intel LGA2011 Xeon 2600, barebone	▪ UTC-515C-PE 15.6" Intel Core i3 Based fanless UTC with PCT.T/S. 4 GB RAM ▪ UTC-520C-PE 21.5" Intel Core i7 Based fanless UTC with PCT.T/S. 4 GB RAM ▪ UTC-532E-PE 32" Intel® Core™ i5-4300U Based fanless UTC with PCT.T/S. 4 GB RAM

Ordering Information

Please contact local sales for more information.