

# DSA-3300

## Network Digital Signage Platform



### Features

- Compact size with robust construction
- Support Intel® Celeron M / Pentium M Processor
- X86 architecture for easy application development & integration
- Optional WLAN or TV-Tuner Module support
- Support EWF (Enhanced Write Filter), WDT (Watchdog Timer), and scheduled boot up SDK under Windows® for access protection and enhanced availability
- Easy mounting with Plasma or LCD panel
- Support both landscape and portrait mode of display and dual display (VGA + DVI)



### Introduction

DSA-3300 is a small profile, all-in-one Windows® XPE ready network appliance and control box for digital signage application. This compact, easy-to-implement network appliance enables centralized control, scheduling and delivery of multimedia content and in any through IP/Ethernet networks. Built on x86 platform and XP Embedded OS, it is easy for application developing and can be integrated with PDPs (Plasma Display Panel) and LCDs with a multi-vendor networking environment. WLAN feature is available as an option for locations where a wiring infrastructure is not available for network connectivity. A TV-tuner option is also available for integrating the TV function into the signage application. DSA-3300 combining with the EWF, WDT and the scheduled boot up SDK give the maximum reliability for digital signage application.

### Specifications

Processor & System	CPU	Support Intel Pentium M/Celeron M processor
	Chipset	Intel 852GM/ICH4
	L2 Cache	Depend on CPU type
	BIOS	AWARD 4M bit BIOS
Memory	Technology	DDR 200/266 modules
	Max. Capacity	1 GB
	Socket	200-pin SODIMM
Graphic	Chipset	Chipset integrated VGA controller
	Memory Size	Shared system memory up to 64MB
	Resolution	up to 1600 x 1200 @ 85 Hz and 1920 x 1440 @ 60 Hz
Ethernet	Interface	10/100 Base-T
	Controller	Intel 82551QM (WOL supported)
	Connector	RJ-45
	WLAN (Optional)	802.11b/g
Storage	IDE-0	2.5" HDD Tray (40G default)
	IDE-1	Compact Flash socket for type I/II (internal)
I/O Interface	DVI	1 (DVI-I connector, only support digital signal)
	VGA	1 (D-sub 15-pin)
	LAN	1 (RJ-45)
	USB	4 (USB 2.0 compliant, 480Mbps)
	Audio	AC97 - LINE-OUT, MIC-IN
	Serial	COM1 - RS232, COM2 - RS485/RS232 (default RS-232)
	PS/2	1 (For keyboard and mouse with Y cable)
	Mini-PCI	1 (For optional WLAN module or TV tuner module)
	PSW	External Power Switch Connector
Power Requirement	Management	APM 1.2, ACPI supported
	Power Consumption	Average 29W, Maximum 45W
	Input Voltage	12 V DC - 24 V DC, 12V DC @ 4.14 A, 24V DC @ 2.07 A
	Others	Support Boot on Power failure and schedule boot up function
Watchdog Timer	Output	Interrupt, system reset
	Interval	Programmable 1-255 sec.
Physical Characteristics	Mounting	Easy Mounting Kits for LCD or Plasma
	Dimensions (W x H x D)	222 x 135 x 43 mm (8.7 x 5.3 x 1.7 inches)
	Weight	1.8 kg (TBD)
Environment	Temperature	-10 - 45 °C, Operating
	Relative Humidity	95% @ 40 °C (non-condensing), Operating
Software Development Kit	Operation System	Supports Microsoft Windows® XP with SP2, XP Embedded and Win2000 with SP4.
	EWF& WDT SDK	EWF and WDT library for signage stability design in XPE
	Demo Program	Complete demo program with VC++ sample code for reference

## Features & Benefits

### High Performance

DSA-3300 series incorporate an Intel® Celeron M 1.5GHz/ Intel® Pentium M 1.6GHz processor for smooth program playback, and includes 512 MB of base memory and a default 40GB hard disk drive for program and storage of media files.

### Compact & Robust Form Factor

The small foot-print and low-profile case design of DSA-3300 series is designed to facilitate different types of mounting and installation.

### Network-Manageable

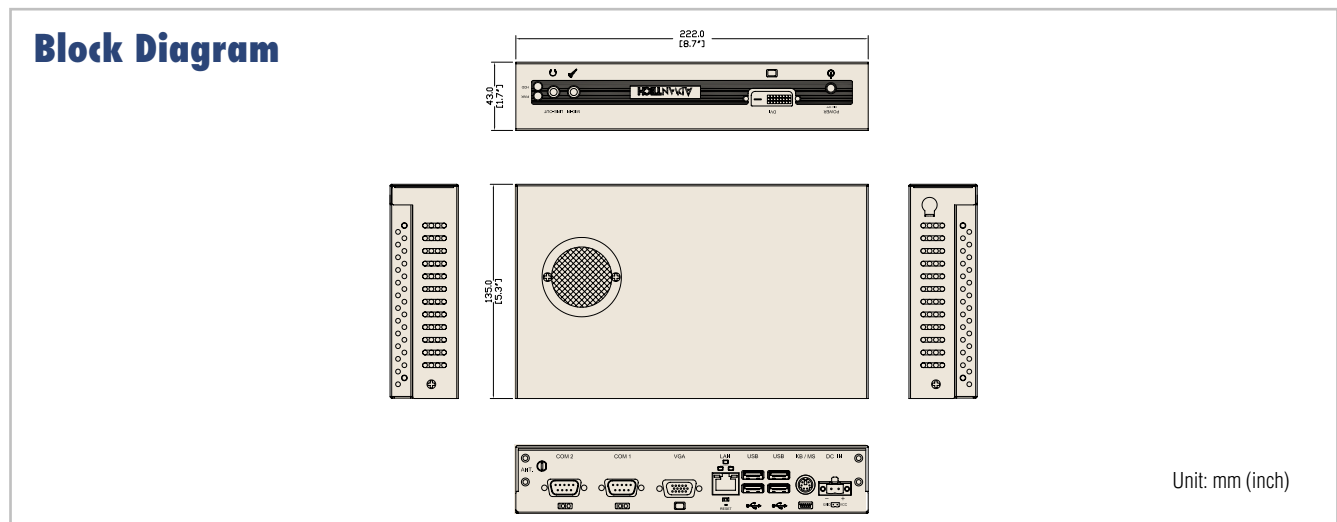
DSA-3300 series functions as the IP-addressable client so that they can be connected locally through a Local Area Network or remotely through Wide Area Network.

### Wireless & Tuner Options

DSA-3300 series can be connected to the network either via a wireless connection or through standard Ethernet cable. DSA-3300 also comes with a tuner-integrated option which incorporates live TV programs as part of the presentation material.

### Enhanced Reliability

DSA-3300 series integrates the EWF (Enhanced Write Filter) function ,WDT (Watch Dog Timer) and scheduled boot-up SDK. Running under Microsoft Windows® XP Embedded OS, EWF provides a facility for protecting a partition from write accesses. It allows the system to maintain its original state to maximum system reliability.



## Ordering Information

Part Number	Description
DSA-3300-M5E	Standard model with Celeron M 1.5 GHz / 512 MV RAM / 40G HD
DSA-3300-WM5E	Standard model with Celeron M 1.5GHz / 512 MV RAM / 40G HD / Wireless module
DSA-3300-S6E	Standard model with Pentium M 1.6 GHz / 512 MV RAM / 40G HD
DSA-3300-WS6E	Standard model with Pentium M 1.6 GHz / 512 MV RAM / 40G HD / Wireless module
DSA-3300-HTS6E	Standard model with Pentium M 1.6 GHz / 512 MV RAM / 40G HD / (Hybrid TV tuner module upon request)
DSA-3300-ATS6E	Standard model with Pentium M 1.6 GHz / 512 MV RAM / 40G HD / (Analog TV tuner module upon request)

\* Celeron M 1.5 GHz can support 2 MPEG-4 Video @ D1 resolution under 65 % CPU utilization rate.

\* Pentium M 1.6 GHz approximate to P4 2.8GHz performance

## Packing List

Part Number	Description	Quantity
2062330000	Utility CD	x1
1700060202	Y cable of Keyboard and PS/2 Mouse	x1
1700001394	DC Jack with 2-pin pluggable terminal block	x1
9689000450	AC to DC Adapter , 19V DC@3.16A , 60W , 100-240V	x1
1960006001	Mounting Accessory	x2

## Optional Item

Part Number	Description
968QXPEEMB	XPE with EWF and WDT function
9680000921	802.11b/g WLAN Module
9680002147	Analog TV tuner card
9680002146	Analog + DVB-T hybrid TV tuner card
9689071001	Power cord 3P 180cm , USA
96ND80G-I-FJ4K1	80G , 2.5" IDE , 4200 RPM Hard Disk