DSS-7142

42" All-in-One Interactive Signage Kiosk Station

Features

- 42" LCD support full HD 1080P
- 450 nits high-brightness panel
- Wide view angel 89/89/89/89°
- Integrated with touch screen (IR T/S; support multi-touch on Win7)
- Antenna and cables are default built-in
- Full range of wireless module for easy integration
- Rugged aluminum frame design
- Embedded with x86 based computing system
- Edge-to-edge aesthesis ID design
- Space reserved for PCIe graphic card option
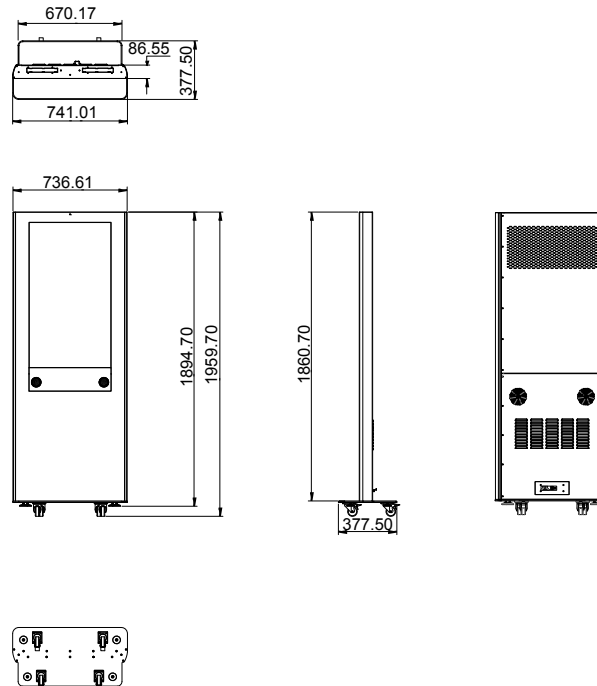- Supports AMT6.0 and software RAID 0, 1, 5, 10

Introduction

Advantech Signage Kiosk series is an extraordinary "all-in-one" system designed for interactive public signage/kiosk application. DSS series is a new communicaiton platform to deliver dynamic screen contents the static depiction of your corporate identity. DSS series is an ideal for public information display as well as interactive self-service terminal. Exhibitions, hotels, office lobbies, customer waiting area, shopping malls and retail outlets are some examples for versatile fields of operation. In terms of all-in-one system, Advantech DSS series has embedded the industrial PC as the signage computing engine to drive the content for different size of the LCD panel. Furthermore, Advantech DSS can further integrate the with wireless module, and web-camera to deliver dynamic information/ messages to the users.

Specifications

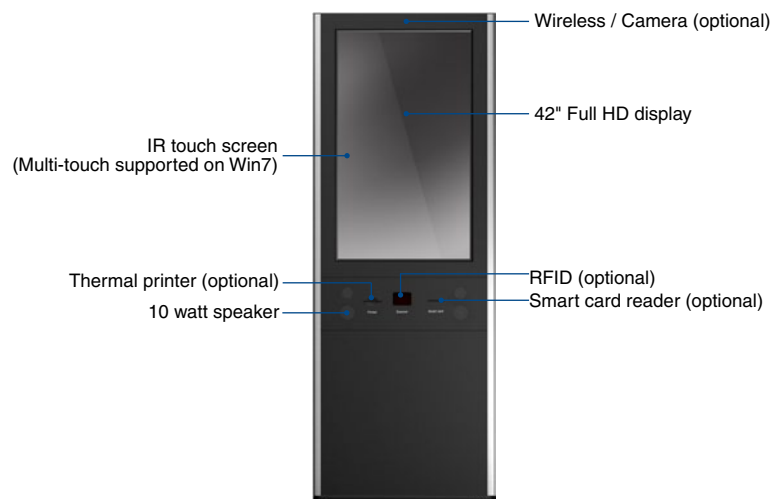|		
LCD Information	Screen size	42" (16:9)
	Active display area	930 mm (H) x 523 mm (V)
	Pixel pitch	0.4845 mm (H) x 0.4845 mm (V)
	Display resolution (pixel)	1920 x 1080
	Contrast ratio	4000:1 (type)
	Display color	16.7 M
	Brightness	450 (typ.)
	Viewing angles (CR>=10)	-89 ~ 89 (H); -89 ~ 89 (V)
	Lamp life	50,000 hrs
Touch Screen	Type	Infrared touch panel (Support Multitouch on W7)
	Touch resolution	4096 x 4096
	Optical element pitch	5.2 mm
	Light transmission	Over 90%
	Surface durability	Mohs' hardness rating: 7
Computing System	CPU	Intel Core i5 Processor
	Chipset	Intel 5 series chipset (QM57)
	L2 cache	3 MB (default)
	BIOS	AMI EFI 64 Mbit SPI
	Memory	DDR3 4GB (Max. 8 GB)
	Storage	SATA HDD x 1 (default SATA x 4)
	LAN	1 RJ-45
	USB	4 x USB
Power	Power consumption	Under 450 watts
	Power source	AC 100 ~ 240 V, Universal +/- 10%
Physical Condition	Dimension (mm)	741 (W) x 1895 (D) x 87 (H) (without wheel)
	Weight	106 Kg
	Operation temp.	0 ~ 45° C
	Operation humidity	0 ~ 85% RH
Optional I/O Devices	Options	Nvidia GeForce GT 430 Graphic Card WiFi module Thermal printer Camera Smart card reader RFID 2D Barcode reader

Dimensions

Unit: mm

670.17
86.55
377.50
741.01

736.61
1894.70
1959.70
1860.70
377.50

DSS User Scenarios

Interactive Content

Wireless / Camera (optional)

42" Full HD display

IR touch screen
(Multi-touch supported on Win7)

Thermal printer (optional)

RFID (optional)
Smart card reader (optional)

10 watt speaker

Ordering Information

P/N	Description
DSS-7142-FE	42" All-in-One Interactive Signage Kiosk Station, with IR Multi Touch, Intel Core i5 CPU, 4G RAM, 500G HDD, Windows 7 Pro
DSS-7142-TE	42" All-in-One Interactive Signage Kiosk Station barebone, 42" LCD panel, with IR multi touch, metal chassis

Optional Modules

P/N	Description
968EMW0038	802.11 b/g/n mini-PCIe wireless LAN module
96RI-1U-PE16-MR	Riser card
XCHS-ENGT430-1GD3	1 GB DDR3 Graphic module GT-430
9680013245	2 M Camera module
1700019473	USB cable for camera module