

# WMS-55PLUS2E

55" Intel Core 2 Duo All-in-one Digital Signage System



Side I/O cover



Bottom I/O cover

## Features

- Low noise design
- Smart fan control
- Support 1920x1080 HDTV content
- Easy to swap PC board and option kits
- Structure by Modules
- IO Connectors are Easily Accessed
- VGA outputs for daisy chain Solution
- Intel Core 2 Dual CPU + Q965 + ICH8 Platform

## System

<b>CPU</b>	Intel socket 775 C2D CPU, max speed: 2.66G, max power consumption 65W CPU list: CORE 2 DUO 2.66G E6700 / CORE 2 DUO 2.6G E4700 / CORE 2 DUO 2.4G E6600 / CORE 2 DUO 2.13G E6400 / CORE 2 DUO 1.8G E4300 / Celeron 800MHz 440
<b>FSB</b>	1066MHz / 800MHz / 533MHz
<b>Chipset</b>	Intel® Q965 chipset: •North bridge: Intel Q965 Graphic Memory Controller Hub (GMCH) (25W) •South bridge: Intel ICH8 I/O Controller Hub (5W)
<b>VGA</b>	Intel Q965 integrated graphic subsystem (GMA3000)
<b>Audio</b>	Realtek ALC268 AC97 Audio Codec 2+2 channels
<b>LAN</b>	Realtek 8111B 10/100/1000 Mbps LAN x 2
<b>Memory</b>	Two 240-pin DDRII 533/667/800 DIMM sockets, dual channels, supports max. 4 GB system memory
<b>I/O</b>	Intel ICH8 I/O controller Hub
<b>Serial ATA</b>	SATA II, Data transfer rates up to 3.0 Gb/s (300 MB/s), 2 on mother board, 2 on connection board
<b>Serial port</b>	RS232, 422, 485 x 1 (external)/ RS232 x 1 (internal)
<b>IEEE1394a</b>	firewire port x 1 (design in, option, supports provisions of IEEE 1394-1995 Standard for High Performance Serial Bus 1.0 and 1394a-2000)
<b>USB</b>	USB 2.0 x 8 (external x 4 on mother board, internal x 4 on connection board)
<b>DVI</b>	On DVI board, DVI-D port x 2 (one link with AD board, one to computer I/O side)
<b>VGA</b>	On connection board, VGA out x 1
<b>GPIO</b>	*Support 8 General Purpose Input (GPI), TTL level *Support 8 General Purpose Output (GPO), TTL level *5V *internal pin heads on mother board *External connector on computer module (option)
<b>WDT</b>	1~252 minutes, software programmable

## LCD Panel

Resolution	1920x1080
Luminance (nits)	450
Viewing Angle	(U/D/R/L CR>10) 89/89/89/89
Contrast Ratio	5000:1
Response Time(ms)	6.5 (Gray to Gray)

## Touch Panel

Type	Infrared rays
Glove	Yes
Light Transmission	>92%
Hardness (Mohs)	7
Glass Thickness	3.0 (+/- 0.3)mm toughened glass

## Storage

<b>HDD</b>	3.5" SATAII HDD drive bay x 1, Max storage size: 1TB With tray for easy replacement
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## Expansion

<b>PCIe mini card</b>	Single 52-pin card-edge type, x1
<b>PCIe x 16</b>	Compatible to the PCI Express Base Specification revision 1.1a x1
<b>PCIe x1</b>	Compatible to the PCI Express Base Specification revision 1.1a x1

## Mechanical & Environmental

<b>Mainbody</b>	SECC, black (Pantone no. 8238)
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	-20°C ~ 60°C
<b>Operating Humidity</b>	10 ~ 90%
<b>Storage Humidity</b>	10 ~ 90%
<b>Noise Level</b>	Full loading 38 dB
<b>Kensington lock hole</b>	Computer module I/O side x 1, HDD tray x1