

WMS-42 Plus3

42" Intel Core i3/i5/i7 All-in-one Digital Signage System



Features

- Compact and 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 i3/5/7 CPU + Q57 Platform

Specifications System

CPU	Intel® Socket LGA 1156, Support Intel Core i3/i5/i7 and Pentium G9650 CPU
	CPU listing:
	CORE i7-860, 2.80G,
	CORE i5-750, 2.66G,
	CORE i5-660, 3.33G,
	CORE i3-540, 3.06G,
	Pentium G9650, 2.80G,
System bus	2.5GT/s
Chipset	Intel® Q57 Express PCH
Audio	Realtek ALC268 HD Audio Codec
LAN	Marvell 88E8071 Giga LAN x 1
Memory	Two DDR3 1066/1333 DIMM sockets (dual channels), supports max. 8 GB, Standard 2GB x 1)
I/O	Winbond W83267UHG
Serial ATA	SATA II controller (3.0Gb/sec) Port x 2
USB	5 USB 3.0 port (external I/O x 3, internal pin head x 2)
Serial COM	1 RS-232 (internal pin head), 1 RS-232/422/485 at I/O side
Mini PCIe	One Mini PCI express slot
WDT	1~255 second/minutes, software programmable
Speakers	(landscape, 10W+10W) (volume level controllable by IR remote control)

LCD Panel

Resolution (pixel)	Full HD (1920 x 1080)
Active Area (mm)	930.24(H) x 523.26(V)
Number of Colors	10bit(8 bit + FRC),1073.7M
View Angle (H/V)	(U/D/R/L CR>10) 89/89/89/89
Brightness (cd/m ²)	450
Color Gamut	(NTSC) 72%
Contrast Ratio	4000:1

Touch Panel

Type	Infrared rays
Glove	Yes
Light Transmission	>=92%
Hardness	Glass hardness – Mohs 7
Glass thickness	3mm

Storage

HDD 2.5" SATAII HDD drive x 1 (integrated with PC module)

Expansion

Mini PCI-E x 1
PCI-Ex16 x 1
PCI-Ex4 x 1

External I/O on bottom

VGA output x 1
 VGA input x 1
 IR receiver x 1 (optional and will disable default IR receiver function if this port is plugged)
 Line in x 1
 Line out x 2

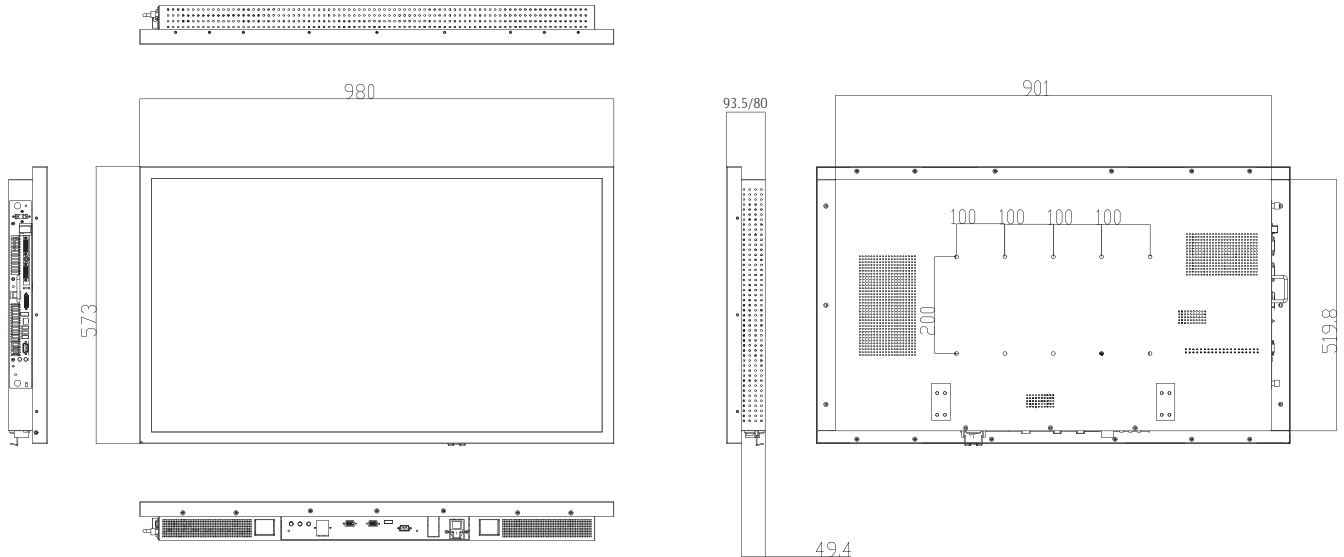
External I/O on Side

USB USB 2.0 x 3
COM DB-9 x 1 (RS-232/422/485)
LAN RJ-45 x 1 (Gigabit Ethernet)
Audio Mic-in, Line out audio jacks
DVI-D output x 1 (Supported by VGA card)

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Drawing (preliminary)



Power

Power input

Direct AC connector, ATX power supply to computer board,
100~240VAC, 50/60Hz

Power Switch

Main switch to turn on/off AC power (at the bottom side)
Switch to turn on/off mother board (at the external I/O of PC side)

Power LED

Power and HDD indicator at PC board external I/O side
(LED colors: Power: Green / Orange: HDD accessing)

PC module power and LCD display power are separately controllable by
IR remote control

Display status LED is located at left bottom side
(Power on: Green / Stand by: Red)

Dimension and Weight

Outline dimension (WxHxD, mm):

no touch: 980*573*80 / with touch: 980*573*93.5

Weight (Kg): no touch: 27 / with IR touch: 33 Kg

Mechanical & Environmental

Mainbodycoating

SECC, black (Panton no. 8238),
power coating

Operating Temperature

0°C ~ 40°C

Storage Temperature

-20°C ~ 60°C

Operating Humidity

10 ~ 90%

Storage Humidity

10 ~ 90%

Noise Level

35 dB (25°C)

Kensington lock hole

Computer module I/O side x 1

IR remote control sensor at front bezel left bottom corner, with flat top light
guide to receiver IR control signal

Regulatory

FCC-A, CE (EMC), UL/cUL

Options:

1. Wireless LAN
2. Graphic card (graphic card is a must if CPU is CORE i7-860 or CORE i5-750)
3. Stand x2
4. Wall mount bracket
5. IR/COM cable to IR receiver (185cm) and with location on the screen to mount

Configurations:

1. WMS-42PLUS3BK Ci5 750 2.66G CPU- 4G RAM- 250G HDD
2. WMS-42PLUS3BKIT Ci5 750 2.66G CPU- 4G RAM- 250G HDD
3. WMS-42PLUS3BK12 Ci5 750 2.66G CPU- 4G RAM- 250G HDD



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