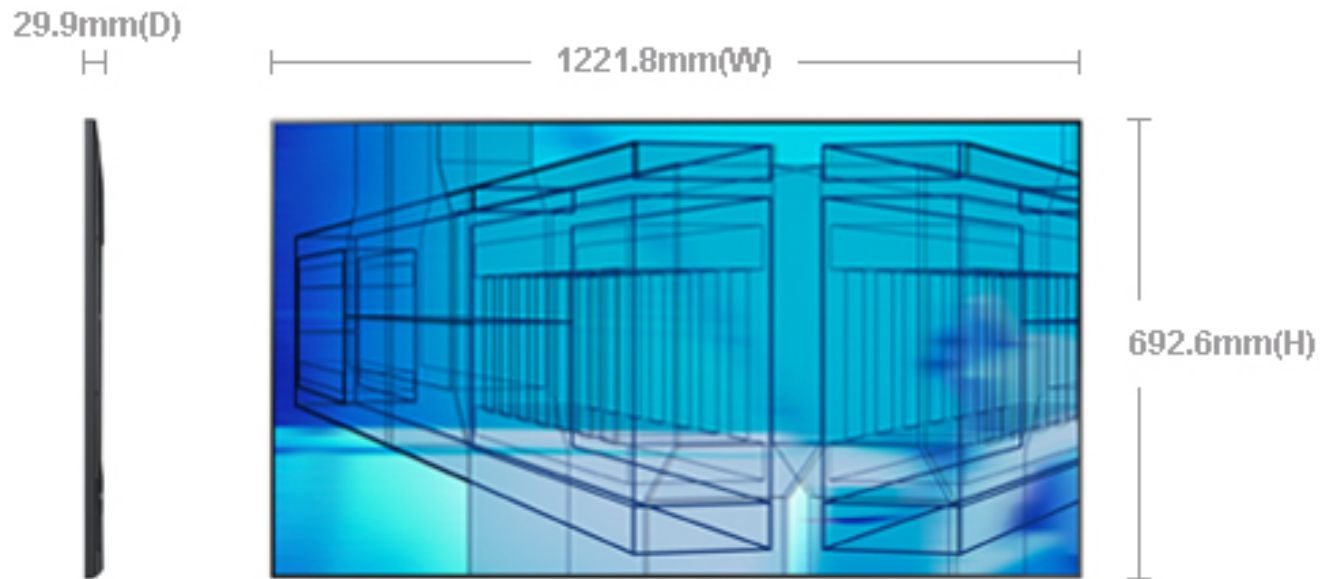


# TECH SPECS [Print](#)



## Panel

### Diagonal Size

55"

### Resolution

1,920 x 1,080 (16:9)

### Active Display Area

1209.6(H) x 680.4(V)

### Contrast Ratio (Dynamic)

5,000:1

### Response Time (G-to-G)

4ms

### Color Gamut

73%

### Type

240Hz e-LED BLU

### Pixel Pitch (mm)

0.21(H) x 0.63(V)

### Brightness

500 nit

### Viewing Angle (Horizontal/Vertical)

178:178

### Display Colour

10bit Dithering - 1.07Billion

## Display

### H-Scanning Frequency

30 ~ 81kHz

### Maximum Pixel Frequency

148.5MHz

## V-Scanning Frequency

48 ~ 75HZ

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[SHOW MORE SPECS](#) —

## Connectivity

### Input

RGB

Analog D-SUB, DP 1.2 (Loop-Out), Display Port 1.2

Video

HDMI1, HDMI2, Component (CVBS Common)

Audio

Stereo mini Jack

### Output

RGB

DVI-D

Audio

Stereo mini Jack

### External Control

RS232C (in/out) thru stereo jack, RJ45

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## Mechanical Specification

### Dimension

Set Dimension (WxHxD)

1,221.8 x 692.6 x 29.9mm

Package Dimension (WxHxD)

1,364 x 848 x 199mm

### Weight

Set Weight

15.4kg

Package Weight

20.6kg

### VESA Mount

400 x 400mm

### Stand Type

Foot Stand (Optional)

### Media Player Option Type

Embedded

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## Operation

### Operating Temperature

0°C ~ 40°C

### Humidity

10 ~ 80%

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## General Feature

**Key**

LED Slim Video wall

**Special**

ACM Support (Advanced Colour Management), Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, Super Clear Coating, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall (10 x 10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2 x 2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery (80hrs Clock Keeping) Built In MagicInfo (Lite, Premium-S, Videowall-S)

**Internal Player****Processor**

Cortex-A9 1GHz Dual Core CPU

**On-Chip Cache Memory**

L1 (I/D): 32KB / 32KB L2 (Unified): 512KB

**Clock Speed**

1GHz CPU Dual

**Main Memory Interface**

Dual 32bit DDR3-667 (1,333MHz)

**Graphics**

2D &amp; 3D Graphics Engine

- Up to 1920 x 1080. 32bpp
- Supports OpenGL ES

**Storage (FDM)**

8GB (2GB Occupied by O/S, 6GB Available,)

**Multimedia****Video Decoder**

- MPEG-1/2, H.264/AVC (Dual)
- VC-1, JPEG, PNG Audio DSP (Decoder)
- AC3 (DD), MPEG, DTS and etc.

**IO Ports**

USB 2.0

**Operating System**

Linux

**Power**

## Power Supply

AC 100 - 240V~ (+/- 10%), 50/60Hz

## Power Consumption

Off Mode

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Less than 0.5W

On Mode

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154 (Max) / 103 (Typ.) / 525.14 (BTU)

Sleep Mode

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Less than 0.5W

## Type

Internal

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## Embedded PC

### Not Applicable

Supports optional Set-back-box PC: SBB-A

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## Certification

### EMC

FCC (USA) FCC Part 15, Subpart B class A, CE (Europe) EN55022, EN55024, VCCI (Japan) V-3 (CISPR22), KCC (Korea):KN22, KN24, BSMI (Taiwan): CNS13438 (CISPR22), C-Tick (Australia): AS/NZS3548 (CISPR22), CCC (China): GB 9254-2008, GB 17625.1-2003

### Environment

ENERGY STAR 6.0 (USA)

### Safety

CUL (USA + Canada): UL60065, TUV (Germany): EN60065, CB (Europe): IEC60065/EN60065, EK (Korea): K60065, CCC (China): GB8898, PSB (Singapore ): IEC60065, GOST (Russia ): IEC60065, EN55022, SIQ (Slovenia ), IEC60065, EN55022, PCBC (Poland ): IEC60065, EN55022, NOM (Mexico ): NOM-001-SCFI-1993, IRAM (Argentina ): IRAM, SASO (Saudi Arabia ): IEC60065

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## Accessory

**Included**

Quick Setup Guide, Warranty Card, Application CD,  
D-Sub cable, Power Cord, Remote Controller,  
Batteries

**Optional**

Mount

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WMN4270SD, WMN2000BD, WMN4655MD (for  
Video wall W/M)

Specialty

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CML450D (ceiling mount)

Stand

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STN-L4055AD

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