

## Panel

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<b>Diagonal Size</b> 55"	<b>Type</b> 60Hz D-LED BLU
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<b>Resolution</b> 1920*1080 (Full HD)	<b>Pixel Pitch(mm)</b> 0.21(H) x 0.63(V)
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<b>Active Display Area(mm)</b> 1209.6(H) x 680.4(V)	<b>Brightness(Typ.)</b> 350 nit
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<b>Contrast Ratio</b> 5000:1	<b>Viewing Angle(H/V)</b> 178:178
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<b>Response Time(G-to-G)</b> 6ms	<b>Display Colors</b> 16.7 M
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<b>Color Gamut</b> 72%	<b>Haze</b> 2%
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## Display

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<b>Dynamic C/R</b> MEGA	<b>H-Scanning Frequency</b> 30 ~ 81kHz
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<b>V-Scanning Frequency</b> 48 ~ 75Hz	<b>Maximum Pixel Frequency</b> 148.5MHz
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## Sound

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<b>Speaker Type</b> Built in Speaker(10W + 10W)
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## Connectivity

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**Input**

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**RGB**  
D-SUB, DVI-D

**Video**  
HDMI1, HDMI2,  
Component(CVBS Common)

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**Audio**  
Stereo Mini Jack,  
RGB/DVI/HDMI/CVBS/Component  
Audio(common)

**Usb**  
USB 2.0 x 1

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**Output**

**RGB**  
N/A

**Video**  
N/A

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**Audio**  
Stereo Mini Jack

**Power Out**  
N/A

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**External Control**  
RS232C(in) thru stereo jack,  
RJ45

**External Sensor**  
IR

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**Tuner**  
Yes(only for NA/KR)

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## Power

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**Type**  
Internal

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

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**Power Consumption**

**Max[W/h]**  
176.0

**Typical[W/h]**  
(W/W)115, (US)55, (KR)133

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**BTU(Max)**  
600.16

**Sleep mode**  
less than 0.5W

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**Off mode**  
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## Mechanical Specification

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**Dimension (mm)**

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**Set**  
1230.6 X 706.9 X 49.9

**Package**  
1348 X 810 X 148

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**Weight (kg)**

**Set**  
14.7

**Package**  
19.2

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**VESA Mount (mm)**  
400\*400mm

**Protection Glass**  
N/A

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**Stand Type**  
Foot Stand (Optional)

**Media Player Option Type**  
Embedded, SBB (Attachable)

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**Bezel Width (mm)**  
9.5 (Top/Side), 15.0 (Bottom)

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## Operation

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**Recommended Usage Hours**  
16/7

**Operating Temperature**  
0.0 °C ~ 40.0 °C

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**Humidity**  
10.0 % ~ 80.0 %

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## Feature

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### Key Features

Slim & Light LFD with Built-in MagicInfo Lite

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### Special Features

H/W: Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2)

S/W: Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Built In MagicInfo Lite, Firmware Update by Network

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### Internal Player

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**Processor**  
N/A

**On-Chip Cache Memory**  
N/A

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**Clock Speed**  
N/A

**Main Memory Interface**  
N/A

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**Graphics**  
N/A

**Storage (FDM)**  
179MB

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**Multimedia**  
N/A

**IO Ports**  
N/A

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**Operating System**  
Samsung Proprietary  
OS(VDLinux)

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