



Set Dimension (W x H x D)(mm) : 1248.0 X 722.4 X 29.9

LED 55" SAMSUNG

Diagonal Size	55	Type	120Hz e-LED BLU
Resolution	1920 X 1080(FHD)	Pixel Pitch(mm)	0.21(H) x 0.63(V)
Active Display Area(mm)	1209.6(H) x 680.4(V)	Brightness(Typ.)	450 nit
Contrast Ratio	5000:01:00	Viewing Angle(H/V)	178:178
Response Time(G-to-G)	8ms	Display Colors	10bit Dithering - 1.07Billion
Color Gamut	72%		

Display

Dynamic C/R	10,000 : 1	H-Scanning Frequency	30 ~ 81kHz
V-Scanning Frequency	48 ~ 75HZ	Maximum Pixel Frequency	148.5MHz

Display

Speaker Type	Built in Speaker (10W + 10W)
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Connectivity

Input	RGB	Analog D-SUB, DVI-D, Display Port 1.2
	Video	HDMI1,HDMI2, Component(CVBS Common)
	Audio	Stereo mini Jack
	Usb	N/A
Output	RGB	DP1.2(Loop-out)
	Video	N/A
	Audio	Stereo mini Jack
	Power Out	N/A
External Control		RS232C(in/out) thru stereo jack, RJ45
External Sensor		IR, Ambient Light

Power

Type		Internal
Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption	Max[W/h]	143
	Typical[W/h]	122
	BTU(Max)	487.63
	Sleep mode	less than 0.5W
	Off mode	less than 0.5W

Mechanical Specification

Dimension (mm)	Set	1248.0 X 722.4 X 29.9
	Package	1369.0 X 848.0 X 199.0
Weight (kg)	Set	16.4
	Package	22
VESA Mount		400*400mm
Protection Glass		Optional
Stand Type		Foot Stand (Optional)
Media Player Option Type		Embedded, SBB-C (Attachable)
Bezel Width (mm)		17.2mm (Bottom 20.8mm)

Operation

Recommended Usage Hours	N/A		
Operating Temperature	°C ~ °C	Humidity	10 % ~ 80 %

Feature

Key Features		Slim & Light LFD with Built-in MagicInfo Lite
Special Features		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(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery(80hrs Clock Keeping), Built in Speaker, 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	1GB Dual 32bit DDR3-667 (1333MHz)

	Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES
	Storage (FDM)	4GB (1.2GB Occupied by O/S, 2.8GB 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

Certification

Safety	cUL (USA+Canada) : UL60950 TUV (Germany) : EN60950 CB (Europe) : IEC60950/EN60950 EK (Korea) : K60950 CCC (China) : GB4943.1 PSB (Singapore) : IEC60950 GOST (Russia) : IEC60950, EN55022 SIQ (Slovenia) : IEC60950, EN55022 PCBC (Poland) : IEC60950, EN55022 NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM SASO (Saudi Arabia) : IEC60950 BIS(India) : IS13252
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)

Accessory

Included	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries	
Optional	Stand	STN-L4055AD
	Mount	WMN4070SD / WMN250MD
	Specialty	CML400D (Ceiling Mount)

Media Player

Media Player	SBB-C (Optional)
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