



**SAMSUNG**

# SPECIFICATION

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**SH37R**

37.0"

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

## Panel

Diagonal Size	37
Type	60Hz E-LED BLU
Resolution	1920*540
Pixel Pitch(mm)	0.47(H) x 0.47(V)
Active Display Area(mm)	904.32 (H) x 254.34 (V)
Brightness(Typ.)	700 nit
Contrast Ratio	4000:1
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	6.5ms
Display Colors	8bit - 16.7M
Color Gamut	72%
Operation Hour	24/7
Haze	28%

## Display

H-Scanning Frequency	33.6 ~ 36.6kHz
V-Scanning Frequency	47 ~ 63Hz
Maximum Pixel Frequency	48MHz

## Connectivity

Input	
RGB	Display Port 1.2
Video	HDMI 2.0 (2)
HDCP	HDCP 2.2
USB	USB 2.0 x 1
Output	
RGB	HDMI 2.0 (1)
Audio	Stereo mini Jack
External Control	RS232C(in/out), RJ45
External Sensor	IR

## Power

Type	Internal
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption	
Max[W/h]	70
Typical[W/h]	52
BTU(Max)	239
Sleep mode	less than 0.5W
Off mode	less than 0.5W

## Mechanical Specification

Dimension (mm)	
Set	923.3 X 277.6 X 44.8
Package	1112 x 363 x 122
Weight (kg)	
Set	6.3kg
Package	8.8kg

VESA Mount (mm)	400*200mm
Bezel Width (mm)	7.9 (Side), 9.8 (Top/Bottom)

## Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10 % ~ 80 %
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## Feature

Key Features		Slim & Light LFD with Built-in MagicInfo Player S6, SSSP 6.0 WiFi Module Embedded
Orientation		N/A
Remote Control		N/A
Special Features		H/W:Temperature Sensor, Portrait Installation support, Clock Battery(168hrs Clock Keeping),Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), Shock and Vibration certificated(IEC 61373) S/W: Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)
Internal Player	Processor	Cortex A72 1.7GHz Quad-Core CPU
	On-Chip Cache Memory	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB
	Clock Speed	1.7GHz
	Main Memory Interface	2.5GB 64-bit LPDDR4 (1.5GHz)
	Graphics	Graphic resolution : 1920x540 Output resolution : 1920x540 - Supports OpenGL ES
	Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
	Multimedia	Video Decoder - MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC - VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder - AC3 (DD), MPEG
	IO Ports	USB 2.0
Operating System		Tizen 4.0 (VDLinux)

## Certification

Safety	CB (Europe) : IEC60950-1/EN60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : PSB+IEC60950-1 NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM+IEC60950-1 SASO (Saudi Arabia) : SASO+IEC60950-1 BIS(India) : IEC60950-1 / IS13252 NOM(Mexico) : Tuner : NOM-001-SCFI-1993 Tunerless : NOM-019-SCFI-1998 KC(Korea) : K 60950-1 EAC(Russia) : EAC+IEC60950-1 INMETRO(Brazil) : INMETRO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 RCM(Australia) : IEC60950-1/AS/NZS 60950-1 UL(USA) : cUL60950-1 CSA (Canada) : cUL TUV (Germany) : CE NEMKO (Norway) : CE
EMC	FCC (USA) Part 15, Subpart B Class A CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A KCC/EK (Korea) : Tuner : KN13 / KN20 Tunerless : KN22 / KN24 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 CCC(China) :GB9254-2008 GB17625.1-2012 GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003

## Accessory

Included	QSG, Warranty Card, Power Cord, Batteries, Remote Control, External remote control sensor(IR)
<b>Optional</b>	
Stand	N/A
Mount	N/A
Specialty	N/A

## Media Player

Media Player

N/A



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