

Panel

Diagonal Size	40	Type	60Hz D-LED BLU
Resolution	1920 X 1080(FHD)	Pixel Pitch(mm)	0.15375(H) x 0.46125(V)
Active Display Area(mm)	885.6(H) x 498.15(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 - 1.078Billion
Color Gamut	0.72		

Display

Dynamic C/R	50,000:1	H-Scanning Frequency	30 ~ 81KHz
V-Scanning Frequency	N/A	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(HDMI Common), Display Port 1.2
	Video	HDMI1, HDMI2(except KR, NA) Component(CVBS Common)
	Audio	Stereo mini Jack
Output	Usb	USB 2.0 x 1
	RGB	DP 1.2(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]	121.0
	Typical[W/h]	81 (w/w), 44 (us), 85 (kor)
	BTUJ(Max)	412.61
	Sleep mode	less than 0.5W
	Off mode	less than 0.5W

Mechanical Specification

Dimension (mm)	Set	906.6 X 524.7 X 49.9
	Package	1012 X 605 X 138
Weight (kg)	Set	Jul 52
	Package	09. Jan
VESA Mount		200*200mm
Protection Glass		N/A
Stand Type		Foot Stand (Optional)
Media Player Option Type		Embedded, SBB(Attachable)
Bezel Width (mm)		9.5 (Top/Side), 15.0 (Bottom)

Operation

Recommended Usage Hours			24. Jul
Operating Temperature	0.0 °C ~ 40.0 °C	Humidity	10.0 % ~ 80.0 %

Feature

Key Features	Slim & Light LFD with Built-in MagicInfo Player S3	
Special Features	H/W: Super Clear Coating, Temperature Sensor, Video Wall(15x15), Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, SD Card Slot, Tuner(only for NA, KR)	
	S/W: Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(HDCP Support), Built in MagicInfo Player S3, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter	
Internal Player	Processor	Cortex-A9 1GHz Quad Core CPU
	On-Chip Cache Memory	L1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB
	Clock Speed	1GHz CPU Quad
	Main Memory Interface	1.5GB Dual 48bit DDR3-933 (1866MHz)
	Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES
	Storage (FDM)	8GB (2.65GB Occupied by O/S, 5.35GB Available.)
	Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
	IO Ports	USB 2.0
Operating System	Samsung Proprietary DSI/VDLinux	

Certification

Safety	CB (Europe) : IEC60950-1/EN60950-1 UL(USA) : cUL60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : PSB+IEC60950-1 NOM(Mexico) : Tuner : NOM-001-SCR-1993 Tunerless : NOM-019-SCFI-1998 KC(Korea) : K 60950-1 IRAM (Argentina) : IRAM+IEC60950-1 EAC(Russia) : EAC+IEC60950-1 INMETRO(Brazil) : INMETRO+IEC60950-1 SASO (Saudi Arabia) : SASO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 CSA (Canada) : cUL RCM(Australia) : IEC60950-1/AS/NZS 60950-1 BIS(India) : IEC60950-1 / IS13252 TUV (Germany) : CE NEMKO (Norway) : CE
EMC	FCC (USA) Part 15, Subpart B Class A KCC/EK (Korea) : Tuner : KN13 / KN20 Tunerless : KN22 / KN24 CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A CCC(China) :GB9254-2008 GB17625.1-2012 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003
Environment	ENERGY STAR 6.0 (USA)

Accessory

Included	Quick Setup Guide, Regulatory Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover-Jack, Screw (M3L8, 1EA) (M4L8, 4EA)	
Optional	Stand	STN-L3240E
	Mount	WMN4070SD, WMN450MD, WMN250MD
	Specialty	CML400D (Ceiling Mount)

Media Player

Media Player	SBB (Optional)
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