

Panel

Diagonal Size	75
Type	120Hz D-LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.2865(H) × 0.8595(V)
Active Display Area(mm)	1650.24(H) × 928.26(V)
Brightness(Typ.)	380 nit
Contrast Ratio	5000:1
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	4ms
Display Colors	10bit Dithering - 1.07Billion
Color Gamut	72%
Operation Hour	24/7
Haze	2%

Display

Dynamic C/R	50,000:1
H-Scanning Frequency	30 ~ 81kHz
V-Scanning Frequency	48 ~ 75Hz
Maximum Pixel Frequency	148.5MHz

Sound

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

Input	
RGB	Analog D-SUB, DVI-D, Display Port 1.2
Video	Rear: HDMI1, HDMI2, Front Tray Box: HDMI3 Component(CVBS Common)
HDCP	HDCP 1.4
Audio	Stereo mini Jack
USB	Rear: USB 2.0 X 1, Touch in X 1, Front Tray Box: USB 2.0 X 2, Touch out (USB Upstream)
Output	
Audio	Stereo mini Jack
External Control	RS232C(in/out) thru stereo jack, RJ45
External Sensor	IR, Ambient Light
Tuner	No

Power

Type	Internal
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption	
Max[W/h]	308.0
Typical[W/h]	TBD
BTU(Max)	1050.28
Sleep mode	less than 0.5W
Off mode	less than 0.5W

Mechanical Specification

Dimension (mm)

Set	1756.1 X 1034.1 X 74.1(handle 109.1)
Package	1895 x 1122 x 301
Weight (kg)	
Set	59
Package	69
VESA Mount (mm)	400*400mm
Stand Type	Foot Stand (Optional)
Media Player Option Type	Embedded, SBB(Attachable), PIM(Attachable)
Bezel Width (mm)	39.9

Operation

Operating Temperature	0.0 °C ~ 40.0 °C	Humidity	10.0 % ~ 80.0 %
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Feature

Key Features	Slim & Light LFD with Built-in MagicInfo Player S3, MagicIWB S2, SSSP 3.0
Orientation	N/A
Remote Control	N/A
Special Features	H/W: Super Clear Coating, Temperature Sensor, Clock Battery(80hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, Front Tray Box S/W: Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, Built In MagicInfo Player S3, MagicIWB S2, Magic Presenter, USB Auto Switching, Firmware Update by Network, LFD New Home Screen, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player

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 x 3, Touch in X 1, Touch out X 2
	Operating System	Samsung Proprietary OS(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 CSA (Canada) : cUL UL(USA) : cUL60950-1 TUV (Germany) : CE NEMKO (Norway) : CE
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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
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Accessory

Included	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Pen 1, Pen Tray
Optional	
Stand	STN-L7585F
Mount	WMN6575SD
Specialty	N/A

Media Player

Media Player	SBB(Optional), PIM(Optional)
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