



Set Dimension (WxHxD) 1096.9 * 629.1 * 30.5 mm

LH49PMHPBGC/EN

Diagonal Size	49
Type	60Hz E-LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.187(H) x 0.56(V)
Active Display Area(mm)	1073.78(H) x 604.00(V)
Brightness(Typ.)	500 nit
Contrast Ratio	4000:01:00
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	8ms
Display Colors	10bit Dithering - 1.07Billion
Color Gamut	72%
Haze	25%

Display

Dynamic C/R	Mega	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	DVI-I(D-Sub Common), Display Port 1.2 (2)
	Video	HDMI 2.0 (2) / HDCP 2.2
	HDCP	HDCP 2.2
	Audio	Stereo mini Jack, RGB/DVI/HDMI
	Usb	USB 2.0 x 2
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		N/A
Tuner		Yes(only for NA)

Power

Type	Internal
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption	
Max[W/h]	165
Typical[W/h]	EU98, US 47, WW 98
BTU(Max)	562.65
Sleep mode	less than 0.5W
Off mode	less than 0.5W

Mechanical Specification

Dimension (mm)	Set	1096.9 X 629.1 X 30.5
	Package	1214 x 721 x 157
Weight (kg)	Set	13.2
	Package	17.5
VESA Mount (mm)		400x400
Mounting Hole		N/A
Protection Glass		N/A
Stand Type		Foot Stand (Optional)
Media Player Option Type		N/A
Bezel Width (mm)		9.0/9.0/11.0

Operation

Recommended Usage Hours	24-lug		
Operating Temperature	0.0 °C ~ 40.0 °C	Humidity	10.0 % ~ 80.0 %

Feature

Key Features	Slim & Light Signage with Built-in MagicInfo S4, SSSP 4.0		
Special Features	H/W : Non Glare Panel, Temperature Sensor, Video Wall(15x15(OSD)), Video Wall Daisy Chain(16), Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, Tuner(only for NA), IP5x, Center IR 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), Firmware Update by Network, New Home Screen, PC-less VideoWall(external source only), Multi Channel, Mobile Control, Event Schedule, Backup Player		
Internal Player	Processor	Cortex-A12 1.3GHz Quad Core CPU	
	On-Chip Cache Memory	L1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB	
	Clock Speed	1.3GHz CPU Quad	

	Main Memory Interface	2.5GB 3 channel 96bit DDR3-933 (1866MHz)
	Graphics	2D & 3D Graphics Engine - Up to 3840x2160p. 32bpp - Supports OpenGL ES
	Storage (FDM)	8GB (3.75GB Occupied by O/S, 4.25GB 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 DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
	IO Ports	USB 2.0
	Operating System	Tizen 2.4 (VDLinux)

Certification

Safety	<p>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</p>
EMC	<p>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</p>

Accessory

Included	Quick Setup Guide, Regulatory Guide , Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover Jack	
Optional	Stand	STN-L4655E
	Mount	WMN4270SD
	Specialty	CML450H

Media Player

Media Player	SBB
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