

Panel

Diagonal Size	55
Type	120Hz E-LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.630 x 0.630
Active Display Area(mm)	1209.60(H) x 680.40(V)
Brightness(Typ.)	3500(peak 4,000) nit
Contrast Ratio	6000:1
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	6ms
Display Colors	8 bit - 16.7M
Color Gamut	72%
Operation Hour	24/7
Haze	0%

Display

Dynamic C/R	Mega
H-Scanning Frequency	30~136kHz(HDMI)
V-Scanning Frequency	24~75Hz(HDMI)
Maximum Pixel Frequency	594MHz

Connectivity

Input	
Video	HDMI 2.0 (2), HDBaseT(LAN Common)
HDCP	HDCP 2.2
USB	USB (1)
Output	
Audio	Stereo Mini Jack
External Control	RS232C (In/Out), RJ45(In/Out), HDBaseT

Power

Type	Internal
Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	
Max[W/h]	530
Typical[W/h]	274 ※ IEC 62087 measurement standard

BTU(Max)	1809
Sleep mode	Less than 0.5W

Mechanical Specification

Dimension (mm)	
Set	1260.6 x 731.4 x 85.0 mm
Package	1358 x 845 x 230 mm
Weight (kg)	
Set	46.1 kg
Package	52.6 kg
Protection Glass	Yes (5T Tempered Glass)
Bezel Width (mm)	24.9 / 24.9 / 24.9 / 24.9 mm

Operation

Operating Temperature	-30 °C ~ 50 °C	Humidity	10 % ~ 100 % (Non-condensing)
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Feature

Key Features	Power-box Integrated, IP56 Outdoor, Built-in MagicInfo Player S7, SSSP 7.0		
Orientation	Landscape / Portrait		
Remote Control	N/A		
Special Features	IP56 Rated Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), Kensington Lock		
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 / LPDDR4 1.5GHz 64bit	
	Graphics	Graphic resolution : 1920x1080 / Output resolution : 1920x1080 - Supports OpenGL ES	
	Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)	

	Multimedia	Video Decoder UHD MFD : VP8, H.264, AVS+(60Hz)UHD MFD : HEVC, H.264, VP95K HEVC Decoder, SHVC(ATSC3.0)AVS2.0 HEVC / AVS2.0 1xUHD120p (DP_NR off, FRC bypass) Audio Decoder - AC3 (DD), MPEG
	IO Ports	USB 2.0
	Operating System	Tizen 5.0 (VDLinux)

Certification

Safety	60950-1
EMC	Class A
IP Rating	IP56

Accessory

Included	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries
Optional	
Stand	N/A
Mount	N/A
Specialty	N/A

Media Player

Media Player	N/A
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