



Power. Efficiency. Reliability.

Samsung PE Series Premium Signage Displays delivers it all. Convey the right message in a highly efficient, controllable, and cost-effective manner. Start capturing your audience immediately to increase your business performance.

BENEFITS

- LED-display with Samsung Smart Signage Platform (SSSP)
– an integrated solution with media player and speakers
- High brightness, 700 nits
- Perfect viewing experience even in bright conditions
- Support for Plug in Module (PIM/OPS)

Model		PE46C
Panel	Diagonal Size	46"
	Type	60 Hz LED BLU
	Resolution	1920x1080 (16:9)
	Pixel Pitch (mm)	0.17675 (H)x0.53025 (V)
	Active Display Area (mm)	1018.08 (H)x572.67 (V)
	Brightness	700 nit
	Contrast Ratio	4000:1
	Viewing Angle (H/V)	178:178
	Response Time (G-to-G)	8 ms
	Display Colors	16.7 M
	Color Gamut	70 %
Display	Dynamic C/R	10,000:1
	H-Scanning Frequency	30~81 kHz
	V-Scanning Frequency	56~75 Hz
	Maximum Pixel Frequency	148.5 MHz
Connectivity	Input RGB	D-Sub, DVI-D, Display Port (1.2)
	Input video	Component (CVBS common), HDMI
	Input audio	Stereo mini Jack
	Output RGB	DP1.2 (Loop-out)
	Output video	
	Output audio	Stereo mini Jack
	Output Power Out	
	External control	RS-232C (In/Out) thru Stereo Jack, RJ-45
	External sensor	IR, Ambient Light
Power	Type	Internal
	Supply	AC 100 – 240 V~ (+/- 10 %), 50/60 Hz
	Consumption Max [W/h]	187
	Consumption Typical [W/h]	131
	Consumption BTU (Max)	637.67
	Consumption Sleep mode	less than 1 W (with Ethernet)
	Consumption Off mode	less than 1 W (with Ethernet)
Mechanical specification	Set Dimension (mm)	1054.5x608.5x35.1
	Package Dimension	1141.0x719.0x140.0
	Set Weight (kg)	16.4
	Package Weight (kg)	20.1
	VESA Mount	400x400 mm
	Protection Glass	N/A
	Stand Type	Foot Stand (optional)
	Media Player Option Type	Embedded
	Bezel Width (mm)	14.6 mm (Bottom 15.4 mm)
Operation	Operating Temperature	0° C~40° C
	Humidity	10~80%
Feature	Key	Professional Heavy Usage LED LFD
	Special	Anit Reflection, Non Glossy Design, Magic Clone (to USB), Auto Source Switching & Recovery, Built in Speaker, Image Rotation, (10 W+10 W), Plug and Play (through USB), Narrow Bezel, Slim Depth (35.1 mm) Video Wall (10x10), Built In MagicInfo (Lite, Premium-S, Videowall-S)

Internal Player (Embedded H/W)	Processor	Cortex-A9 1 GHz Dual Core CPU
	On-Chip Cache Memory	L1 (I/D): 32 KB/32 KB, L2 (Unified) : 512 KB
	Clock Speed	1 GHz Dual
	Main Memory Interface	1 GB DDR3 Dual 32 bit DDR3-667 (1333 MHz)
	Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports Open GL ES
	Storage (FDM)	8 GB (2.0 GB Occupied by O/S, 6 GB Available)
	Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
	Host Bus	N/A
	IO Ports	USB 2.0x2EA
	Operating System	Linux
Certification	Safety	CB (Europe) IEC60950/EN60950 UL (USA) UL60950,CSA C22.2 No. 1 TUV (Germany) Substitute by CE NEMKO (Norway) Substitute by CE CCC (China) GB 4943 PSB (Singapore) PSB+IEC60950 NOM (Mexico) NOM-019-SCFI-1998 KC (Korea) K60950 IRAM (Argentina) IRAM+IEC60950 GOST (Russia) GOST+IEC60950 SASO (SaudiArabia) SASO+IEC60950 BSMI (Taiwan) BSMI+IEC60950 CSA (Canada) Substitute by CUL
	EMC	FCC (USA) Part 15, Subpart B Class A KCC/EK (Korea) KN22 / 24 CE (Europe)EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 VCCI (Japan) VCCI V-3 /2010.04 Class A CCC (China) GB13837-2003 (CISPR13:2001) GB17625.1-2003 (61000-3-2-2001) 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 N55024:1998+A1:2001+A2:2003
Accessories	Environment	ENERGY STAR 5.0 (USA)
	Included	Quick Setup Guide, Warranty Card, Application CD, Power Cord, D-Sub cable, Remote Controller, Batteries
	Optional Stand	STN-L4055AD
	Optional Mount	WMN4270SD
Media Player	Optional Specialty	CML450D (Ceiling Mount)
	CPU	PIM (Optional)
	N/B	PIM (Optional)
	S/B	PIM (Optional)
	GPU	PIM (Optional)
	FDM/HDD	PIM (Optional)
	Memory	PIM (Optional)
	Ethernet	PIM (Optional)
	Connectivity USB	PIM (Optional)
	Connectivity Output	PIM (Optional)
	Connectivity Others	PIM (Optional)