

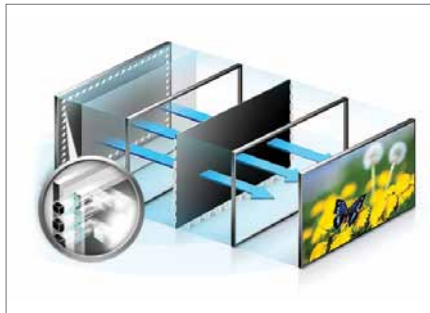
# PE Series

A premium display designed for continuous use  
24 hours 7 days a week



The PE Series is everything you would expect from a premium display designed for 24/7 operation. Robust and reliable with low running costs, it offers trouble-free operation day-in and day-out. Anti-glare technology delivers sharp pictures even in brightly lit spaces.

## PE Series Features



### Edge-Lit LED Technology

Edge-lit LED solution utilises LED lamps around the edge of the panel so the LEDs emit light on the side of the panel. This results in a much thinner screen that requires fewer lamps meaning reduced power consumption and less heat generation. Its slim and light weight design offers heavy weight communication solutions for any business looking to convey concise marketing or educational messages.



### Narrow Bezel Design

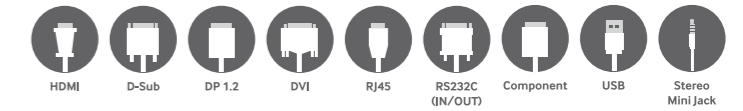
The PE Series displays feature a thinner design and utilise a narrower bezel. This super-narrow monitor makes it easy to make a big impact wherever it's displayed.



### High-Resolution Screen

PE Series displays feature 1920 x 1080 resolution with 700 nits brightness and 4000:1 contrast ratio, for sharp, detail-rich images and crisp, easily legible type.

Connections at a glance



## PE Series Specifications

Model		PE40C	PE46C	PE55C	
Panel	Diagonal Size	40"	46"	55"	
	Type	60 Hz LED BLU			
	Resolution	1,920x 1,080 (16:9)			
	Pixel Pitch (mm)	0.15 (H) x 0.46 (V)	0.17 (H) x 0.53 (V)	0.21 (H) x 0.63 (V)	
	Active Display Area (mm)	885.6 (H) x 498.15 (V)	1018.08c(H) x 572.67 (V)	1209.6 (H) x 680.4 (V)	
	Brightness (Typ.)	700 cd/m <sup>2</sup>			
	Contrast Ratio	4,000:1			
	Viewing Angle (H/V)	178:178			
	Response Time (G-to-G)	8 ms			
	Display Colours	16.7M			
	Colour Gamut	70%			
	Display	Dynamic C/R	10,000:1		
H-Scanning Frequency		30 ~ 81KHz			
V-Scanning Frequency		56 ~ 75Hz			
Maximum Pixel Frequency		148.5MHz			
Connectivity	Input	RGB	D-Sub, DVI-D, Display Port 1.2		
		Video	Component (CVBS common), HDMI		
		Audio	Stereo Mini Jack		
	Output	RGB	Display Port 1.2 (Loop-out)		
		Video	N/A		
		Audio	Stereo Mini Jack		
		Power Out	N/A		
External Control	RS232C (in/out) Through Stereo Jack, RJ45				
External Sensor	IR, Ambient Light (Optional)				
Power	Type	Internal			
	Power Supply	AC 100 - 240 V - (+/- 10%), 50/60 Hz			
	Power Consumption	Max (W/h)	165	187	209
		Typical (W/h)	114	131	149
		BTU (Max)	562.65	637.67	712.69
		Sleep Mode	Less than 1 W (with Ethernet)		
Off Mode					
Mechanical	Dimension (mm)	W919.6 x H532 x D35.1	W1054.5 x H608.5 x D35.1	W1249.5 x H721 x D35.1	
	Weight (kg)	13.5	16.4	20.5	
	VESA Mount (mm)	200 x 200	400 x 400		
	Protection Glass	N/A			
	Touch Overlay				
	Stand Type	Foot Stand (Optional)			
	Bezel Width (mm)	13.5 (Bottom 14.4)	14.6 (Bottom 15.4)	16.5 (Bottom 17.1)	
Feature	Embedded Media Player	Samsung SMART Signage Platform with 8GB storage (for full system on chip specifications, see page 6)			