

PANASONIC PCF SERIES

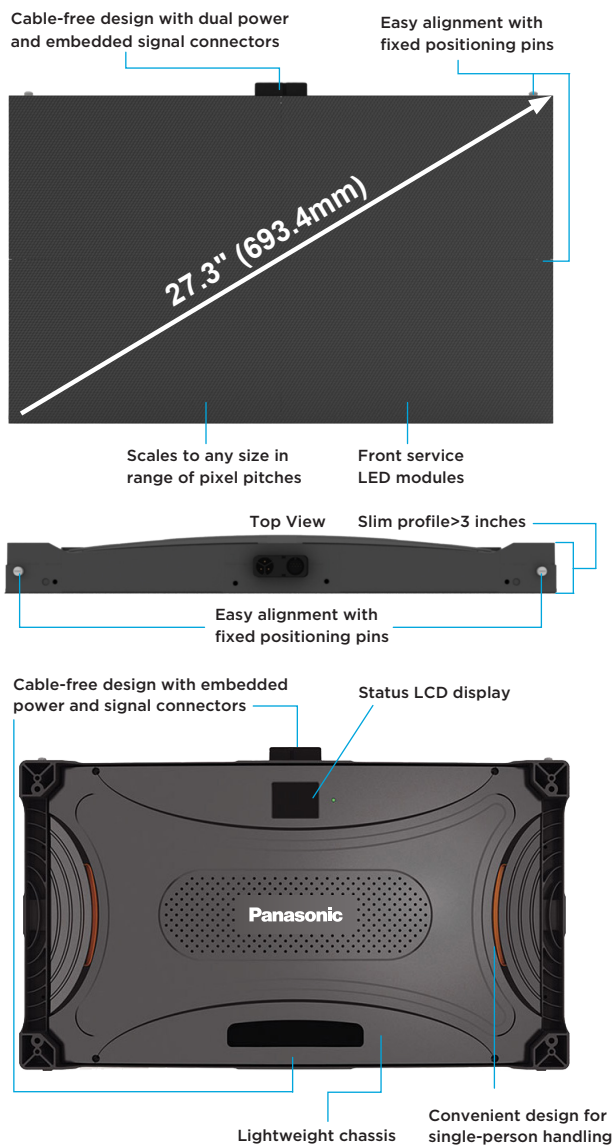
LED VIDEO WALL DISPLAY



The Panasonic PCF Series of fine pitch LED video wall displays, which include embedded power and signal connectors, maximize quick installation and maintenance through its stackable design and front serviceability. Available in 0.9, 1.2, 1.5, 1.8 and 2.5 millimeter pixel pitches, the 16:9 aspect ratio of Panasonic PCF Series is designed to deliver popular resolutions like Full HD and 4K.

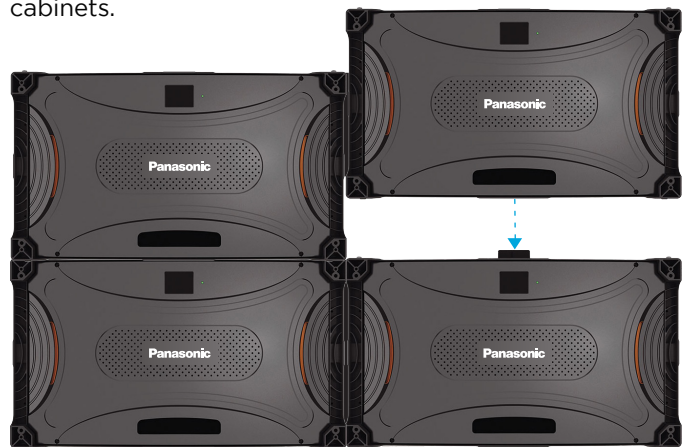
MAXIMIZING SPACE TO FIT MORE APPLICATIONS

With a slim profile of less than three inches and full front serviceability, Panasonic PCF Series cabinets boast a reduced video wall footprint compared to other LED video wall solutions. Paired with its design for 24x7 operation, these features make the displays flexible for use in the most demanding environments.



A STACKABLE DESIGN FOR SIMPLE INSTALLATION

The Panasonic PCF Series is designed to ensure perfect LED video walls with a stackable, cableless design. Additionally, the connection points and two alignment pins located on each cabinet assist in vertically aligning cabinets.



2 YEAR WARRANTY*

Offering complete product coverage in India, the Panasonic 2 year Limited Warranty* covers the entire product from controller to sub-pixel for as long as the video wall is used in a fixed location.

* Service condition-2 year warranty including Free repair or exchange of defective parts



EXCELLENCE IN VISUAL PERFORMANCE

With fine pixel pitches ranging from 0.9 to 2.5 millimeters, the Panasonic PCF series offers high resolution viewing experiences ideal for digital signage, conference rooms and control rooms. The displays feature a 16:9 aspect ratio that allows every pixel pitch to exactly achieve popular resolutions including Full HD and 4K.



PANASONIC PCF SERIES: OFF-THE-SHELF VIDEO WALLS

To simplify the entire installation process, a pre-packaged Panasonic PCF Video Wall is available as an option. From LED display cabinets to video controllers to wall mounts, everything comes packaged as one complete solution.



ADDED PROTECTION WITH PROTECTING COATING FOR PCF LED

The Panasonic PCF Series is available with a protective coating that increases durability in high-traffic environments without impacting the fidelity of visual performance. When interactive capabilities are desired, the video wall displays can be optimized with a custom multi-point simultaneous touch system, which is an optional accessory.

VIDEO WALL CONTROL OPTIONS

The Panasonic wall offers wide variety of video controllers which are scalable and designed to drive the video wall using a web-based software, simplifies set-up, configuration, operation and monitoring.

Panasonic VC4-L (back)



PANASONIC PCF SERIES SPECIFICATIONS

Series	PCF	PCF	PCF	PCF	PCF	PCF	
Model Name	LH-NP09A4FG/LH-NP09A4FC	LH-NP12A3FG/LH-NP12A3FC	LH-NP14A3FG/LH-NP14A3FC	LH-NP15A3FG/LH-NP15A3FC	LH-NP18A3FG/LH-NP18A3FC	LH-NP25A4FG/LH-NP25A4FC	
Physical Parameters	Pixel Configuration	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD	3 in 1 SMD	
	Pixel Pitch(mm)	0.945	1.26	1.454	1.575	1.89	
	Module Resolution (WxH)	320x180	240x135	208x117	192x108	160x90	120x68
	Module Dimensions(WxH,mm)	302.4x170.1	302.4x170.1	302.4x170.1	302.4x170.1	302.4x170.1	302.4x170.1
	Weight per Module (kg)	0.65	0.65	0.65	0.65	0.65	0.65
	No. of Modules per Unit Case (WxH)	2x2	2x2	2x2	2x2	2x2	2x2
	Unit Case Resolution (WxH)	640 x 360	480 x 270	416 x 234	384 x 216	320 x 180	240 x 136
	Unit Case Dimensions (W x H x D,mm)	604.8x340.2x72.5	604.8x340.2x72.5	604.8x340.2x72.5	604.8x340.2x72.5	604.8x340.2x72.5	604.8x340.2x72.5
	Unit Case Surface Area (m ²)	0.20575296	0.205632	0.205632	0.205632	0.205632	0.205632
	Weight per Unit Case (kg/unit)	7.4	7.4	7.4	7.4	7.4	7.4
	Weight per Square Meter (kg/m ²)	36	36	36	36	36	36
	Physical Pixel Density (pixels/m ²)	718,184	6,29,882	4,73,111	4,03,124	2,79,947	1,58,637
	Flatness of Unit Case (mm)	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2
	Unit Case material	Die casting Aluminum	Die casting Aluminum	Die casting Aluminum	Die casting Aluminum	Die casting Aluminum	Die casting Aluminum
Service access	Front	Front	Front	Front	Front	Front	
Optical Specifications	Min. Brightness (After Calibration)	600 - 800	600 - 800	600 - 800	600 - 800	600 - 800	
	Color Depth (Bit)	16	16	16	16	16	
	Color Temperature	2,000 - 10,000	2,000 - 10,000	2,000 - 10,000	2,000 - 10,000	2,000 - 10,000	2,000 - 10,000
	Visual Viewing Angle (Horizontal)	160	160	160	160	160	
	Visual Viewing Angle (Vertical)	140	140	140	140	140	
	Brightness Uniformity	0.97	0.97	0.97	0.97	0.97	
	Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy	
Contrast Ratio	7,000	7,000	7,000	7,000	7,000		
Electrical Specifications	Power Consumption (W/Unit, Max.)	120	120	120	120	120	
	Power Consumption (W/Unit, Avg.)	62	58	54	54	50	
	Power Consumption (W/ m ² , Max.)	620	620	620	620	620	
	Power Consumption (BTU/Unit, Max.)	409.44	409.44	409.44	409.44	409.44	
	Power Consumption (BTU/Unit, Avg.)	211.544	197.896	184.248	184.248	170.6	
	Power Consumption (BTU/m ² , Max.)	2,115.44	2,115.44	2,115.44	2,115.44	2,115.44	
	Power Supply (V)	100 to 240	100 to 240	100 to 240	100 to 240	100 to 240	
Frame Rate (Hz)	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60		
Refresh Rate (Hz)	3,840	3,840	3,840	3,840	3,840		
Operation Specifications	Lifetime (Half brightness)	1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	
	Operating Temperature(°C)	-10° to +45°	-10° to +45°	-10° to +45°	-10° to +45°	-10° to +45°	
	Operating Humidity	10-80%RH	10-80%RH	10-80%RH	10-80%RH	10-80%RH	
Certification	BIS	BIS	BIS	BIS	BIS	BIS	

* The Lifetime (half brightness) spec is subject to LED package spec.

* Above specifications may change without notice.

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