

27.5"
Genesis



VOXEL 



Start something new.

When you start with amazing products, you can create amazing immersive experiences.



27.5" Genesis

More than just a display, it's a vision.

Each component inside the Genesis has been meticulously designed to get the most out of an incredibly versatile and light enclosure. We chose powerful yet highly efficient driver ICs, and optimised the LEDs to use as little power as possible. Because no fan is needed to cool the LED display, we draw on innovative technologies that efficiently eliminates heat.



A LED display that takes everything to the edge.

The stunning 27.5" Genesis LED display is truly something to behold. With over 129 thousand pixels per panel and edge-to-edge LEDs, every image leaps off the screen in rich, vibrant detail. All on an amazingly versatile LED display.

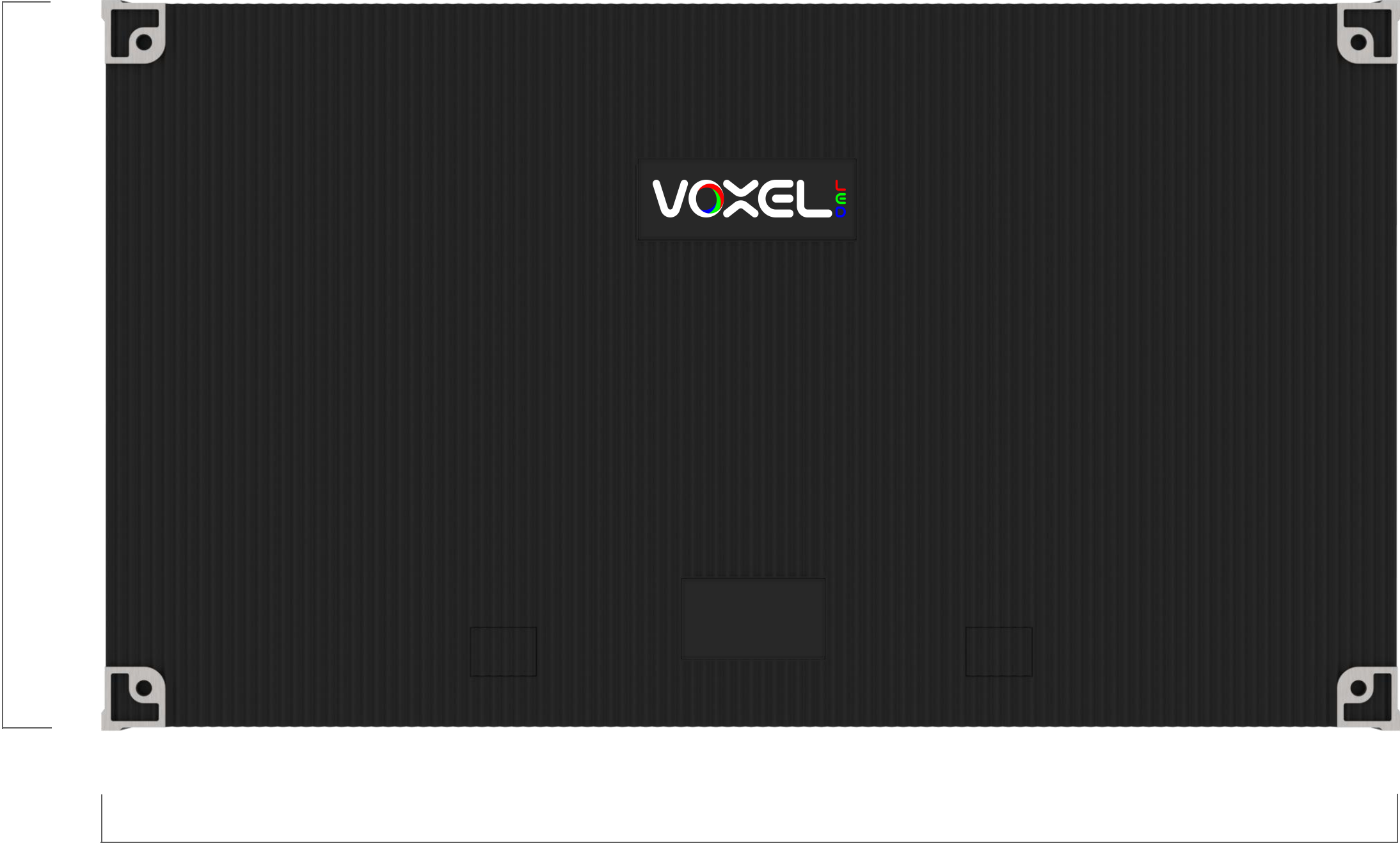


**So bright and *colourful*,
you can't look away.**

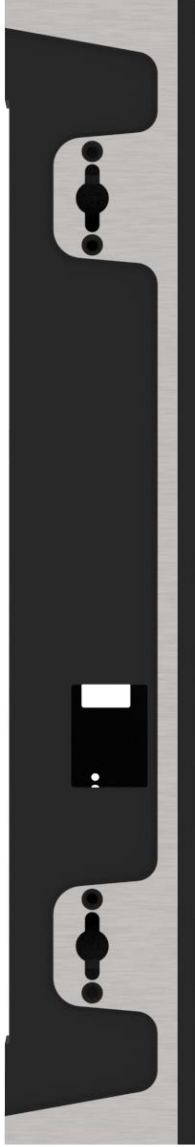
16.8 millions colours on your display means every photo and video appears just the way it was shot, with super smooth gradient and vastly reduced banding. And now we've paired each video processor with adaptive inputs, giving you fluid and exceptionally dark contrast with vibrant and immaculate details. That means more time for what matters most: creating immersive experiences.

Cabinet Size

343 mm
(13.50 inches)



610 mm
(24.01 inches)



58 mm
(2.28 inches)

Specifications

27.5 Genesis (SMD)					
Physical Parameters	Pixel Pitch (mm)	1.2	1.5	1.9	2.5
	Unit Size (mm) (W x H x D)	610 x 343 x 58	610 x 343 x 58	610 x 343 x 58	610 x 343 x 58
	Unit Weight (kg)	6.8	6.8	6.8	6.8
Optical Parameters	Unit Resolution	480 x 270	384 x 216	320 x 180	240 x 135
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
	Brightness (nits = cd/m ²)	≤800	≤800	≤1,200	≤1,200
	Contrast Ratio	5,000 : 1	5,000 : 1	5,000 : 1	5,000 : 1
	Refresh Rate (Hz)	≤3,840	≤3,840	≤3,840	≤3,840
	Frame Frequency (Hz)	60 / 3D : 120	60 / 3D : 120	60 / 3D : 120	60 / 3D : 120
	Viewing Angle (°) (H/V)	160 / 160	160 / 160	160 / 160	160 / 160
	Color Temperature (K)	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000
	Electrical Parameters	Power Consumption Max (W/m ²)	750	750	720
Power Consumption Typical (W/m ²)		250	250	240	220
Working Voltage		AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz
Additional Features	Lifetime (Hours)	100,000	100,000	100,000	100,000
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60	-10 ~ +60	-10 ~ +60
	Humidity Range (%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90

Specifications

27.5 Genesis (Flip-Chip SMD)

Physical Parameters	Pixel Pitch (mm)	1.2	1.5
	Unit Size (mm) (W x H x D)	610 x 343 x 58	610 x 343 x 58
	Unit Weight (kg)	6.8	6.8
Optical Parameters	Unit Resolution	480 x 270	384 x 216
	Aspect Ratio	16 : 9	16 : 9
	Brightness (nits = cd/m ²)	≤1.200	≤1.200
	Contrast Ratio	5.000 : 1	5.000 : 1
	Refresh Rate (Hz)	≤3.840	≤3.840
	Frame Frequency (Hz)	60 / 3D : 120	60 / 3D : 120
	Viewing Angle (°) (H/V)	160 / 160	160 / 160
	Color Temperature (K)	2.500 ~ 10.000	2.500 ~ 10.000
Electrical Parameters	Power Consumption Max (W/m ²)	700	700
	Power Consumption Typical (W/m ²)	235	235
	Working Voltage	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz
Additional Features	Lifetime (Hours)	100.000	100.000
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60
	Humidity Range (%)	10 ~ 90	10 ~ 90

Specifications

27.5 Genesis (Flip-Chip SMD with High-bright)			
Physical Parameters	Pixel Pitch (mm)	1.2	1.5
	Unit Size (mm) (W x H x D)	610 x 343 x 58	610 x 343 x 58
	Unit Weight (kg)	6.8	6.8
Optical Parameters	Unit Resolution	480 x 270	384 x 216
	Aspect Ratio	16 : 9	16 : 9
	Brightness (nits = cd/m ²)	≤4.000	≤4.000
	Contrast Ratio	5.000 : 1	5.000 : 1
	Refresh Rate (Hz)	≤3.840	≤3.840
	Frame Frequency (Hz)	60 / 3D : 120	60 / 3D : 120
	Viewing Angle (°) (H/V)	160 / 160	160 / 160
	Color Temperature (K)	2.500 ~ 10.000	2.500 ~ 10.000
Electrical Parameters	Power Consumption Max (W/m ²)	980	980
	Power Consumption Typical (W/m ²)	350	350
	Working Voltage	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz
Additional Features	Lifetime (Hours)	100.000	100.000
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60
	Humidity Range (%)	10 ~ 90	10 ~ 90

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