

COB SERIES

Mini COB LED Display

Command Center | Control Room | Studio | Cinema | XR

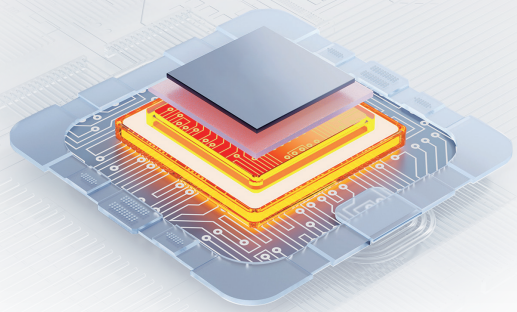
Product Specifications

Specifications	COB-061	COB-091	COB-121	COB-151
Pixel Pitch (mm)	0.62	0.93	1.25	1.56
LED Type	Flip chip COB			
Module Size (mm)	150x168.75			
Module Resolution (pixel)	240x270	160x180	120x135	96x108
Cabinet Size (mm)	600x337.5x37.5			
Cabinet Resolution (pixel)	960x540	640x360	480x270	384x216
Pixel Density (pixel/m²)	2,560,000	1,137,778	640,000	409,600
Brightness (cd/m²)	600-1000			
Refresh Rate (Hz)	≥3840			
Contrast Ratio	5,000-10,000 : 1			
Gray Scale (Bit)	16-18			
Power Consumption (W/m²) Max./Avg.	635 / 212	380 / 127	300 / 100	330 / 110
Viewing Angle (H/V)	165° / 165°			
Life Span (Hr)	≥100,000			
IP Rate (Front/Back)	IP54 / IP21			
Maintenance Type	Front / Back			
Cabinet Material	Die-Cast Aluminum			
Cabinet Weight (Kg)	4.6			
Installation Method	Wall Mounted / Stacking / All in One			

Key Features

COB Technology

- Advanced flip-chip technology supports micro-level chips, achieving P0.6 and smaller pixel pitches
- More energy-efficient and stable performance for long-term operation



Vivid Visual Experience

- Advanced imaging technology delivers visuals with vivid detail, brilliant color, and lifelike clarity
- Smart calibration ensures consistently superior display performance



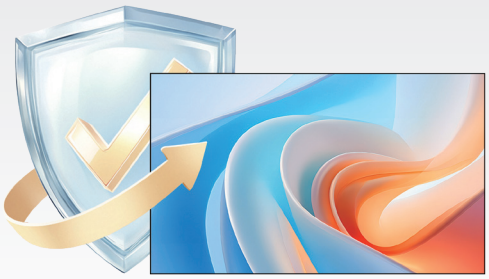
Ultrahigh Brightness Consistency-Eye Protection

- Exceptional brightness uniformity across every module
- Provides effective eye protection and reduces visual strain during close viewing



Strong Protection & High Precision

- Front IP54 protection and robust impact resistance
- Ultra-high cabinet and module precision ensure perfect flatness and an enhanced viewing experience



Ultrahigh Refresh Rate

- Up to 7680Hz ultra-high refresh rate with nanosecond-level response time
- Ideal for studios, VP, and XR environments — delivering smoother, more natural on-camera color performance





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