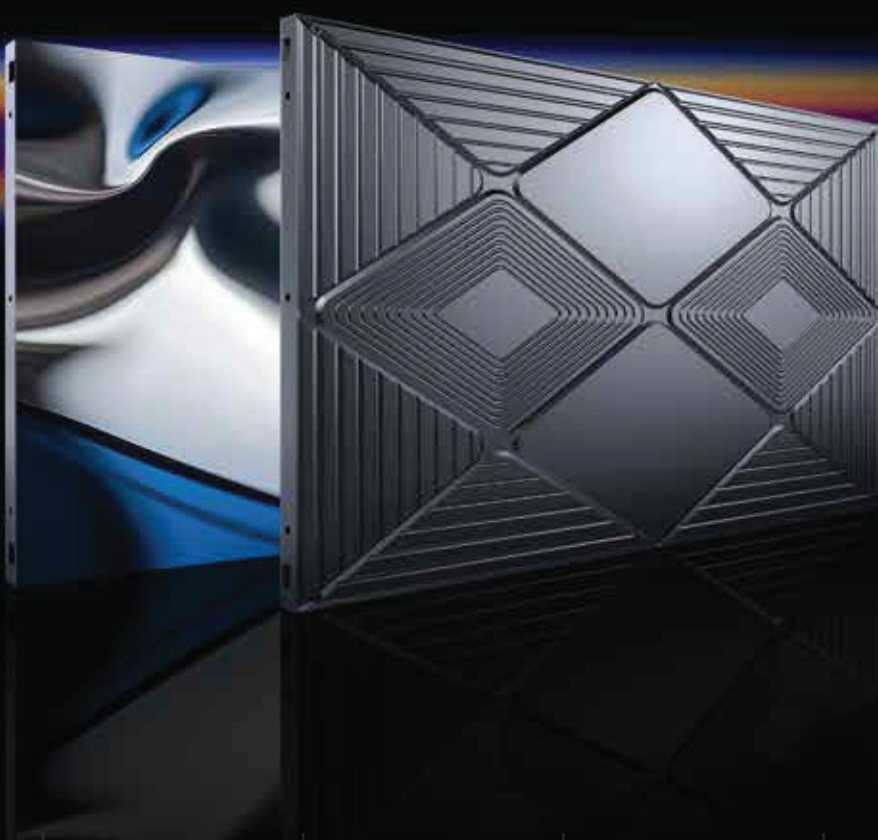


NX COB *SERIES*

Full Flip Chip COB with Excellent Color Consistency with UHD Display Effect



Full Flip Chip
COB Technology



Ultra Protective



Ultra High
Contrast Ratio



Micro LED



Ultra Wide
Viewing Angle



Excellent Image
Quality



Ultra High
Reliability



Energy Efficient



Easy Maintaining



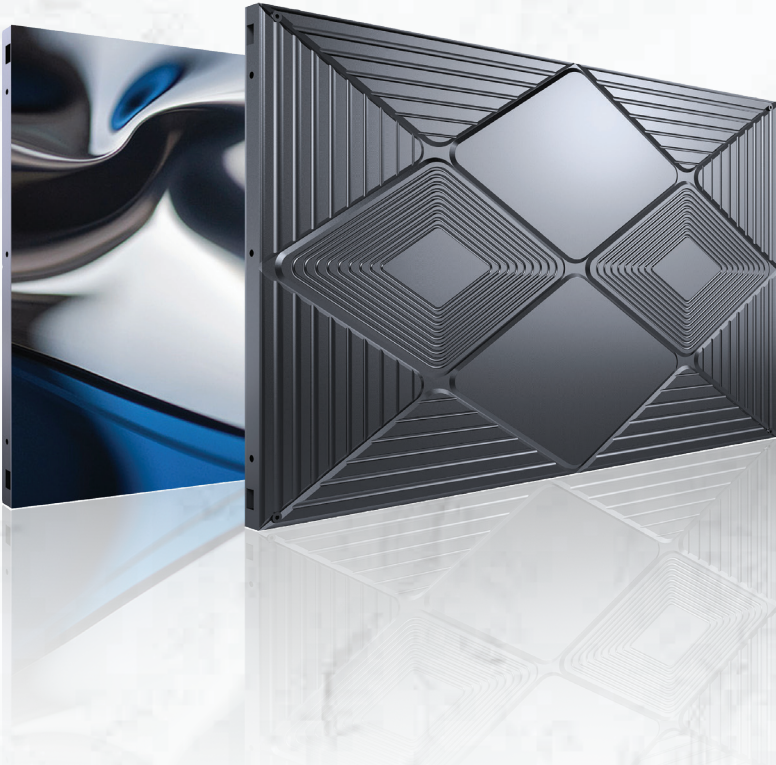
Compact Design
(lightweight+thin cabinet depth)

Model No.	NX COB			
Pixel Pitch (mm)	0.78	0.93	1.25	1.56
LED Package Structure	Full-Flip-Chip COB			
Module Resolution (W×H)	192x216	160x180	120x135	96x108
Module Size (mm)(W×H)	150x168.75			
Cabinet Resolution(WxH,mm)	768x432	640x360	480x270	480x270
Cabinet Size(WxHxD)	600 x 337.5 x 33.6			
Maintenance	Front			
Brightness (nit)	600		600-700	
Contrast Ratio	12000:1@5LUX			
Refresh Rate (Hz)	3840			
Max/Avg. Power Consumption (W/m²)	≤290 / ≤100	≤275 / ≤95		≤320 / ≤110
Viewing Angle (H/V,°)	170/170			
Operating Temp + Humidity	-10 - 40 °C/ 10% - 90%RH			

Note *Product parameters are subject to change without notice.

NX COB SERIES

Full-Flip-Chip COB



AET

FINE/MICRO PITCH

Smaller chips can be carried for COB products, and it has more advantages in LED products with a pitch of P1.0mm or less.

8K



ULTRA-HIGH RELIABILITY

Fully flip chip technology greatly improves viewing angles and yields for better display and longevity.

SUPERIOR DISPLAY EFFECT

Comfortable, eye-friendly surface light source, 3840Hz high refresh rate, 16-bit grayscale, for better color restoration.

NX COB



ULTRA HIGH PROTECTION

Resistant to pressure, impact, dust, moisture and static electricity



ULTRA HIGH CONTRAST RATIO

Each LED display cabinet has up to 99% screen area and a maximum contrast ratio of 18,000:1 for detailed images.

ENERGY EFFICIENT

The heat dissipation capability of the product is significantly improved by increasing the area where the electrodes are directly connected to the substrate.



ULTRA WIDE VIEWING ANGLE

170° horizontal and vertical viewing angle for consistent & clear image quality.



AET

EASY MAINTAINING

The screen can be cleaned directly with a damped cloth.



COMPACT DESIGN

Slim design of 33.6mm cabinet depth & 4.7kg cabinet weight for easy handling & installation.



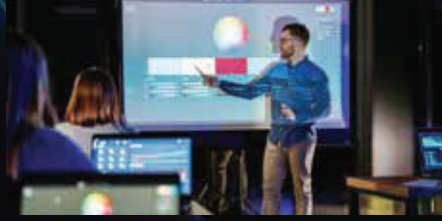
NX COB



APPLICATIONS



Broadcast & Media Industry



Education



Airports/ Transportation



Retail/ Commercial



Meeting & Conference Room



Control & Surveillance Center



Healthcare & Hospitals



Healthcare & Hospitals



XR (by Customization)



WHY AET ?

Over decades of experience
in the LED Display Industry

620,000 sqm
installation worldwide

Sustainable Tech. Oriented

Modern Packaging Technologies

COB | MIP | QCOB

Exceptional after-sales
support service

Prompt
Assistance

Minimised
Downtime

Maximum
Productivity

AUTHORISED PARTNER



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