



NX COB

ULTRA



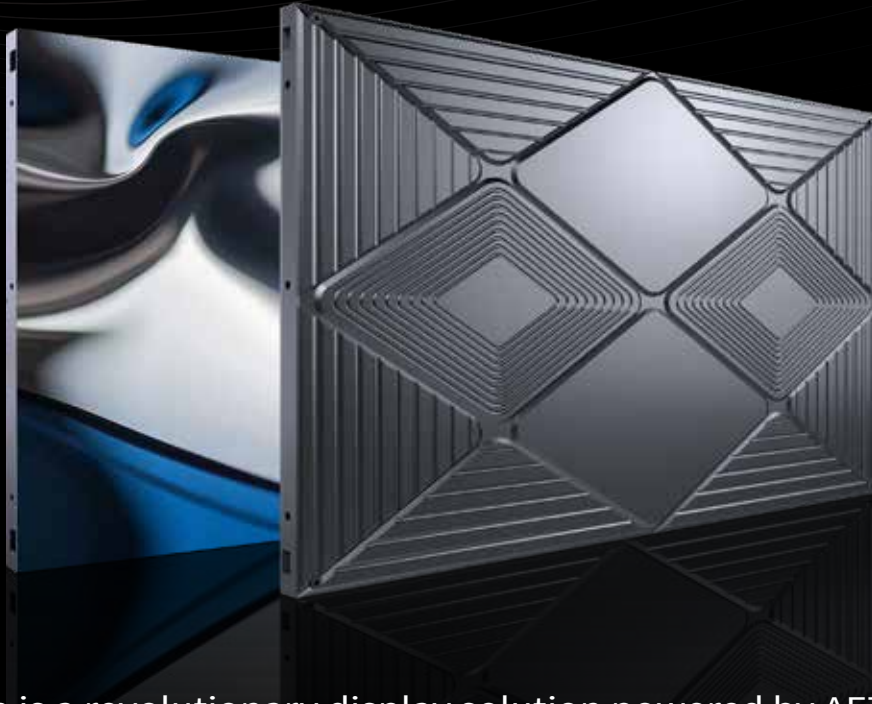
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INNOVATIVE CHIP DESIGN | ZERO LATENCY | HDMI CONNECT | HIGH GRAYSCALE
ENERGY EFFICIENT | WIDE VIEWING ANGLE | PLUG AND PLAY

NX COB

ULTRA



The NX COB Ultra is a revolutionary display solution powered by AET's self-developed INX Driver delivers zero-latency, lifelike visuals with 22-bit grayscale and 7680Hz refresh. Energy-efficient (67W/m²) and highly integrated, it's easy to install and maintain. Perfect for control rooms, home theater, and broadcast rooms—smarter, faster, and greener for seamless, immersive experiences.

INTEGRATED CHIP

Redefining Performance

- 90% Reduction in IC Quantity
-
- Low Brightness, High Grayscale
-
- Exceptional HDR Performance

POWER CONSUMPTION

Efficiency Redefined

- 35% Lower Power Consumption
-
- Front screen temperature $\leq 30^{\circ}\text{C}$ for enhanced comfort

ZERO LATENCY

Seamless Real-Time Visuals

- HDMI Direct Connection
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- Zero frame delay for lifelike video experience

22-BIT GRAYSCALE

Unmatched Visual Fluidity

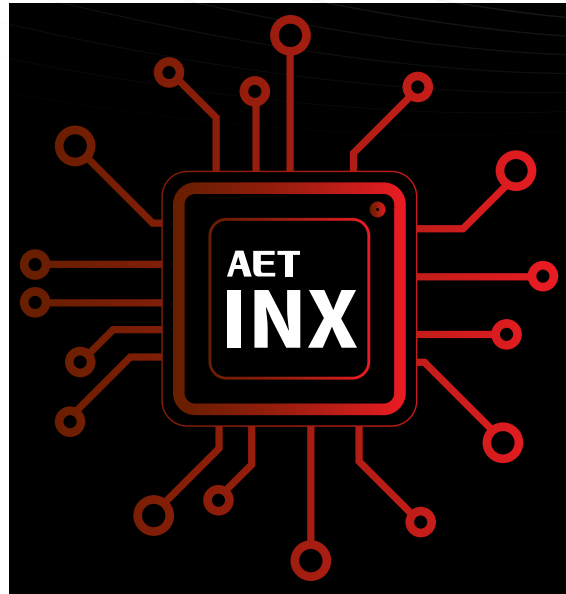
- Chip-Level 22-Bit Grayscale
-
- 7680Hz Ultra-High Refresh Rate

FLAWLESS DESIGN

Built to Perform

- Lightweight & Portable
-
- High Stability & Durability

ENGINEERED



**POWERFUL
DRIVER**

**INTEGRATED
RECEIVING CARD**

**LVDS DATA
TRANSMISSION**

**ENHANCED
INTEGRATION**

**COMMON CATHODE
TECHNOLOGY**

**“ZERO”
DELAY**

APPLICATIONS



Home Theater



Command Center



Broadcast

SPECIFICATION PARAMETERS

Model No.	NX COB Ultra 0.6	NX COB Ultra 0.7	NX COB Ultra 0.9	NX COB Ultra 1.25
Pixel Pitch (mm)	0.625	0.78	0.9375	1.25
Pixel Density (dots/m ²)	25,60,000	16,38,400	11,37,778	6,40,000
Module Resolution	240*270	192*216	160*180	120*135
Module Size (mm)	150*168.75			
Cabinet Size (mm)	600*337.5			
Cabinet Resolution	960*540	768*432	640*360	480*270
Weight (kg)	4.5			
Refresh Rate (Hz)	3840-7680			
Contrast Ratio	28,000:1			
White Balance Brightness (nit)	600			
Avg/Max Power Consumption (W/m ²)	81/229	75/220	70/210	67/200
Grayscale Level (bit)	Chip Native 22-bit			
Horizontal/Vertical Viewing Angle (H°/V°)	178°/178°			
AC Input Voltage (V) /Frequency (Hz)	AC100~240V 50/60Hz			
Storage/Operating Temperature	10%~80% no condensation / 10%~90% no condensation			
Protection Level	IP65			
Maintenance Method	Front Maintenance			