

Taylorleds

WN 5G

UNLEASHING THE POWER OF 5G,
ONE PIXEL AT A TIME.

Brilliance Beyond Limits with 5G Display Power.

2026 WN PRO 5G SERIES INDOOR LED MADE FOR ATS-PRO BY TAYLORLEDS

ATS
PRO



Masters in the Art of LED

Welcome to ATS-Pro, the exclusive U.S. distributor for Taylorleds. With nearly two decades of experience in the AV industry, I founded ATS-Pro to bring unmatched expertise and innovation to our clients.

Taylorleds, our esteemed partner, is an innovative joint venture with Absen, excelling in design, R&D, and quality control. Absen, a leading Chinese manufacturer, handles production, ensuring top-notch quality. Together, we present the most advanced LED systems, meticulously crafted for superior performance.

At ATS-Pro, our dedicated account managers, top-tier technical support, and industry thought leaders work tirelessly to help you master the art of LED technology. I invite you to explore our brochures and experience innovation at its finest.

Warm regards,

Chris Pelzan



Experience Matters: The WN Pro 5G Series Redefines Your Digital Canvas

Since the introduction of COB technology, ATS-PRO has built more COB walls than any other company in the U.S. The WN Pro 5G Series was developed based on our extensive experience integrating these walls. It represents the pinnacle of indoor ultra-fine pitch LED displays, featuring a super black, uniform polymer coating and flip-chip design that deliver higher brightness, superior contrast, enhanced durability, and lower power consumption.

With integrated 5G connectivity, the WN Pro 5G Series enables faster, more reliable wireless content delivery, real-time updates, and seamless integration with cloud-based platforms—perfect for dynamic corporate, retail, and event environments. Equipped with the most advanced graphic cards as standard, the WN Pro 5G Series offers stunning visual performance. Each display undergoes a meticulous factory calibration process to ensure true-to-life color accuracy and HDR color grading. For the final touch, on-site commissioning and calibration services are available upon advance scheduling, completing this state-of-the-art direct-view LED solution.



Experience the Future of LED Control with NovaStar 5G

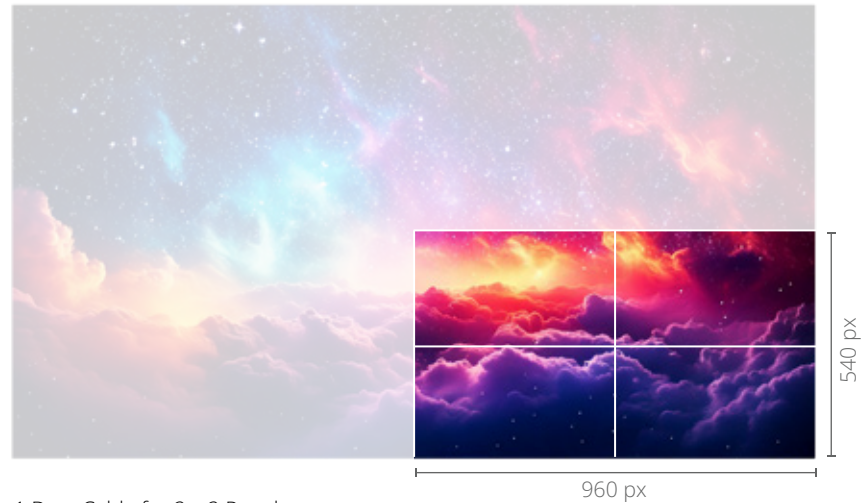
NovaStar's 5G system sets a new standard for high-performance LED control—delivering faster data transmission, lower latency, and smoother visuals across high-resolution applications.

With enhanced bandwidth, it easily supports high bit-depth and refresh rates, while simplifying infrastructure: **just one 5G main data cable is enough to drive a Full HD LED wall.**

Whether you're designing a next-gen control room, immersive retail display, or large-format stage setup, our 5G solution in cooperation with NovaStar delivers the speed, stability, and flexibility to keep you ahead of the curve.

WN Pro 1.25mm at 8 bit/60 Hz

1G



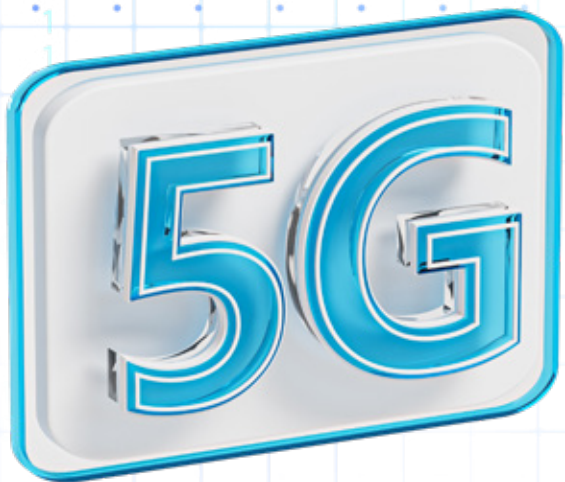
1 Data Cable for 2 x 2 Panels

5G



1 Data Cable for 4 x 4 Panels





All New 5G Benefits

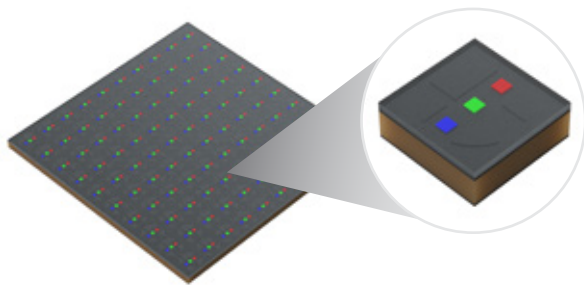
- Reduces data cables required by 75%
- Enhanced grey scale - 22bit - 64 times grayscale improvement
- Thermal Compensation - protects color performance from aging
- Multi-layer full grayscale calibration

 Image Booster	 Dynamic Booster	 Full Grayscale Calibration
 Thermal Compensation	 Adaptive Frame Rate	 Low Latency

The Best COB Display

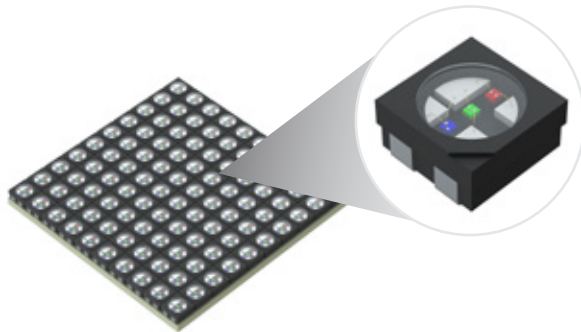
COB Technology

Brings refined specular highlights, incredible detail in shadows, and vibrant, true-to-life colors. Each display is calibrated in the factory and features pro reference modes for HDR color grading.

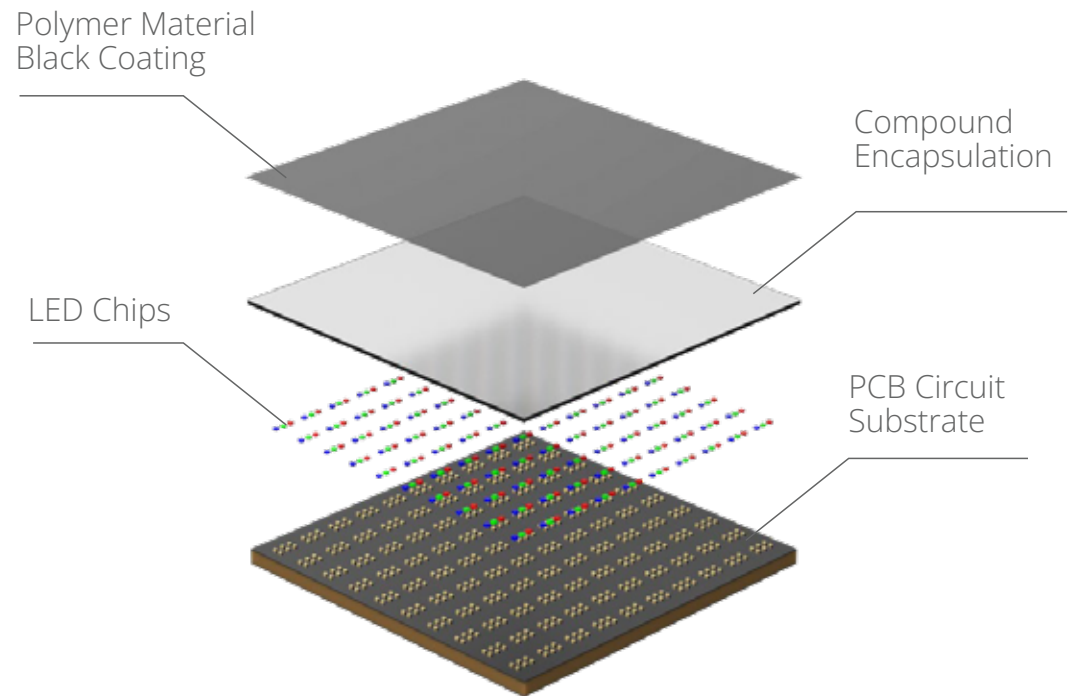


COB Compared to SMD

COB modules as compared to SMD modules provide anti-collision and easy cleaning characteristics. Extremely low pixel failure makes it a good choice for very high resolution walls.



CORE PACKAGING TECHNOLOGY



High Refresh Rate: 7680Hz

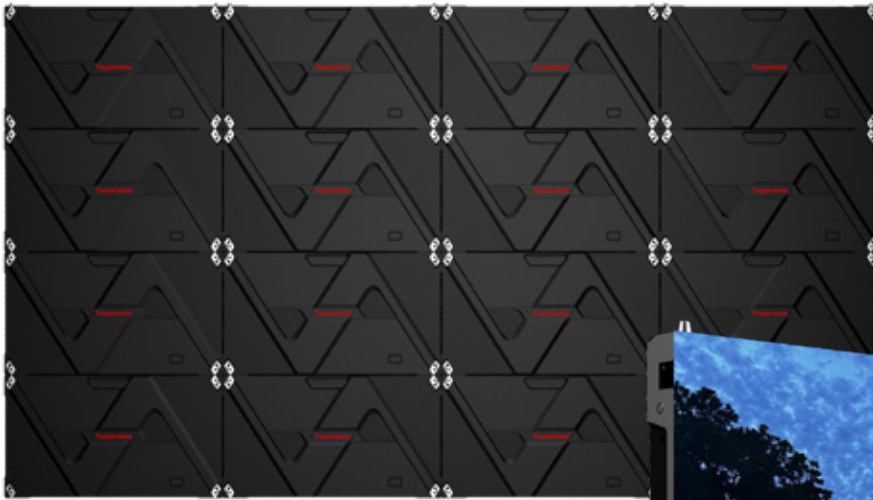
The WN 5G Series features a 7680Hz refresh rate powered by advanced driver ICs and PWM optimization. By extending the pulse width through PAM (Pulse-Amplitude Modulation), the display allows for longer on-times per frame, eliminating visible flicker and ensuring smooth, stable playback—even in low grayscale conditions.



Elevated Panel Design with Pro Features

True 16:9 Ratio

16 x 9 panel allowing perfect aspect ratios that match any HD format without the need for scalers or external video processing.



Internal Brackets

Internal alignment brackets are used for perfect flatness and panel alignment during installation.

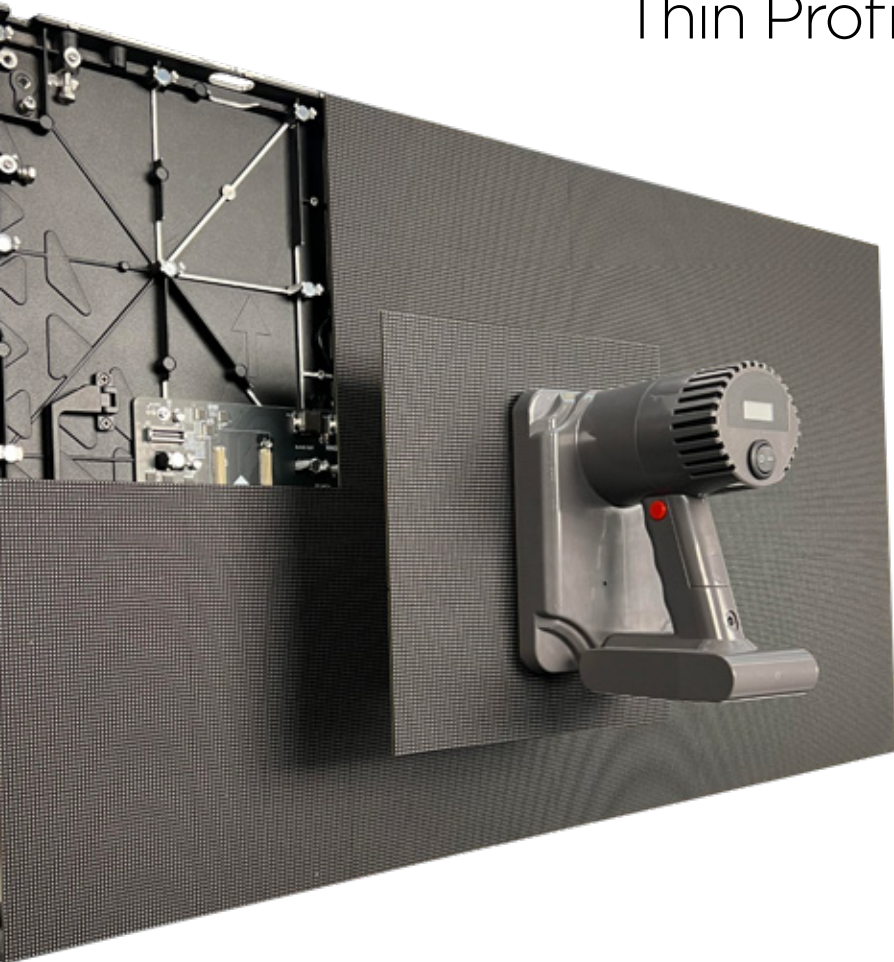


Deep Black

Precise color accuracy with an COB manufacturing process that boasts enhanced individual LED color matching and module calibration. Advanced calibration architecture enables stunning clarity.

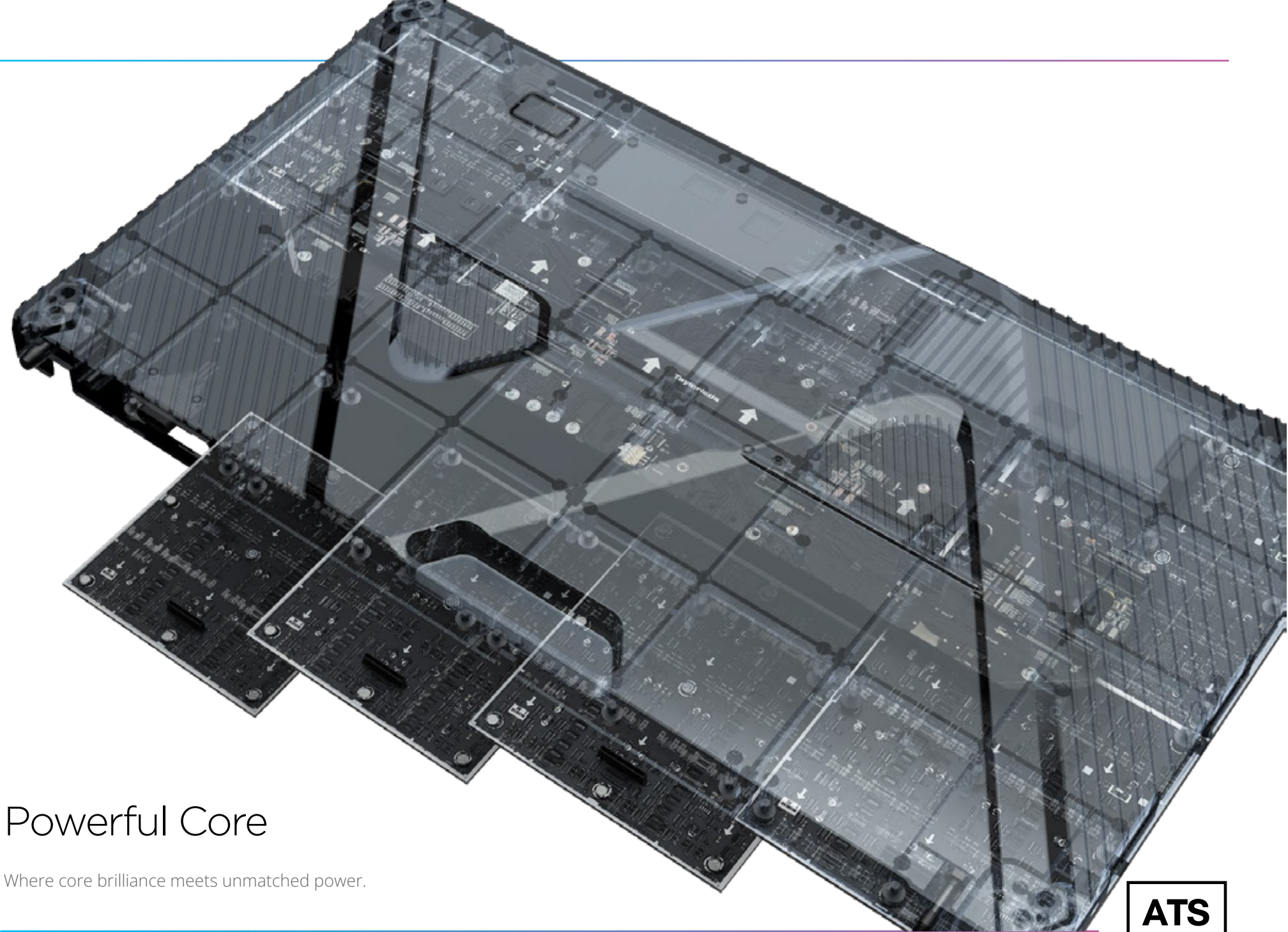


Thin Profile Just over 1.5" thick panel (39.3 mm / 1.55").



Front Serviceable

The WN Pro 5G LED display is engineered for maximum convenience and efficiency, featuring a front serviceable design. This allows for easy access to both the power units and LED modules, enabling swift removal and replacement directly from the front of the display. As a result, maintenance time and effort are significantly reduced, ensuring minimal disruption and enhanced operational reliability.



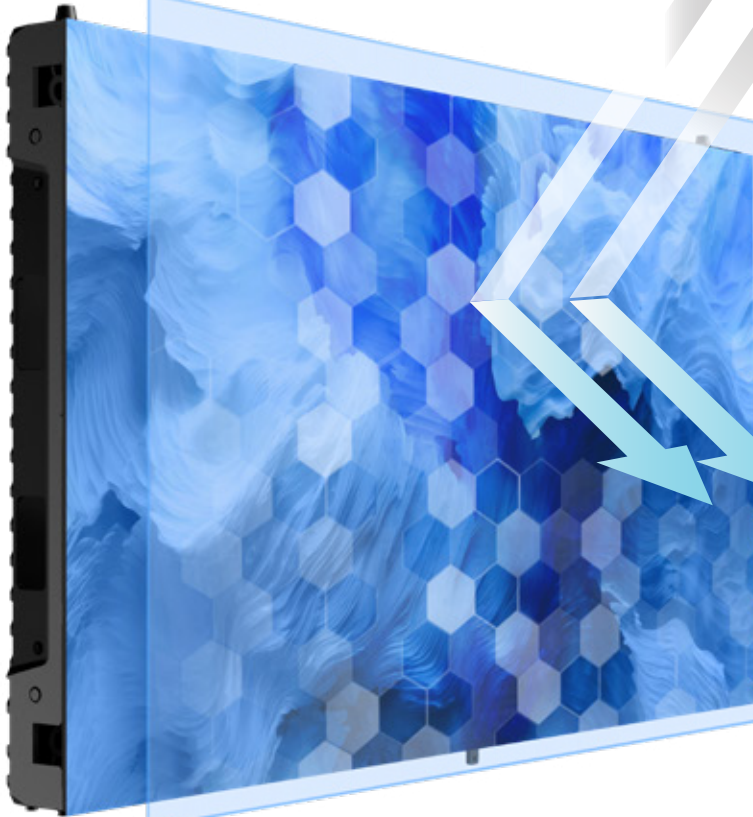
Powerful Core



Where core brilliance meets unmatched power.

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Super Protective Surface

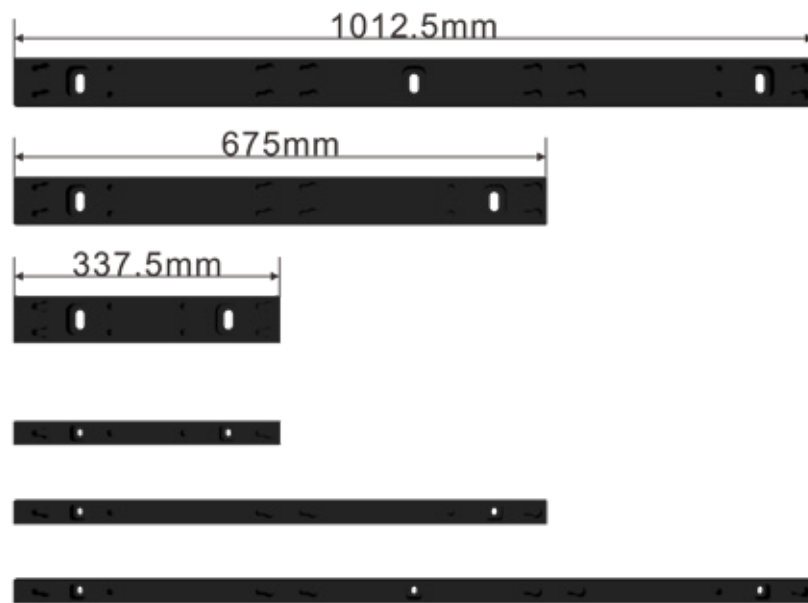


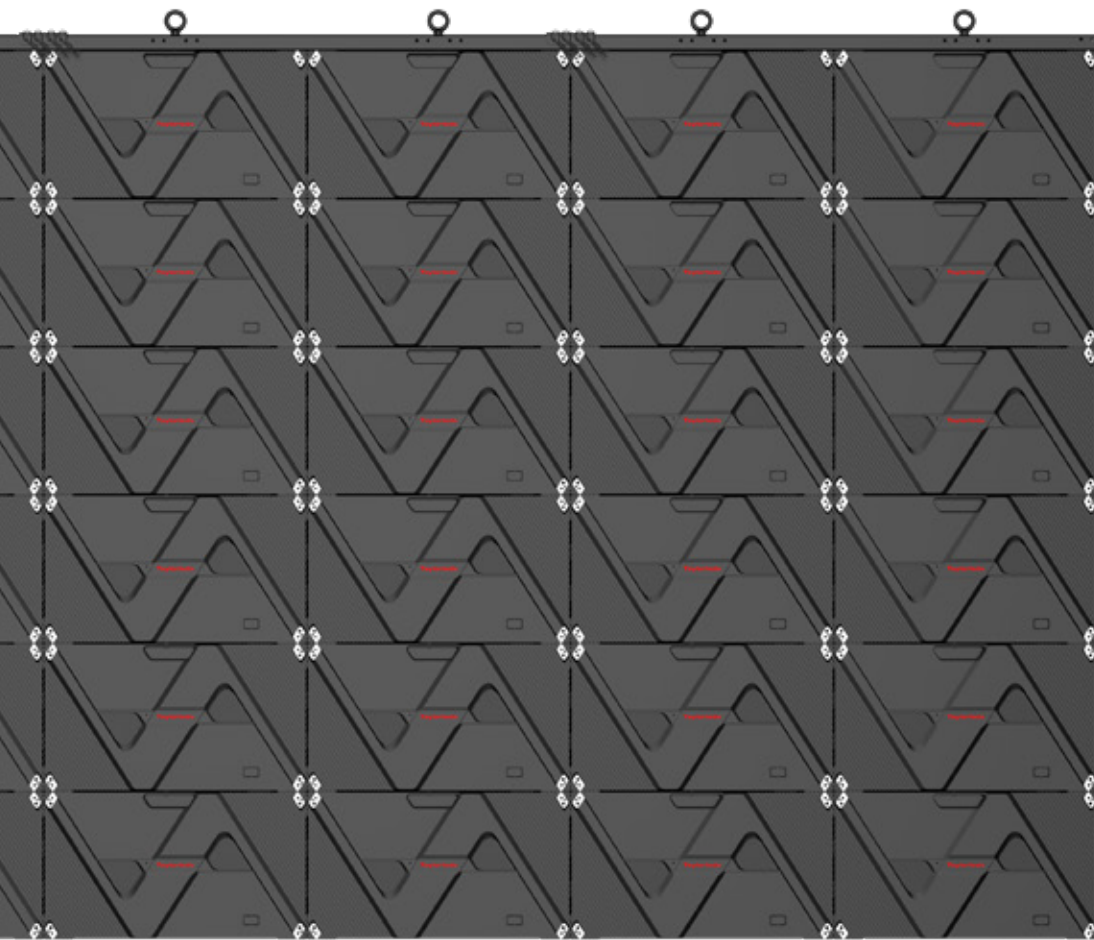
-  Dust-resistant
-  Anti-collision
-  Anti-oxidation
-  Moisture-resistant
-  Anti-static
-  Anti-finger marks

Wall Mounting Options

Wall Mount System

Specifically designed wall mount system for WN Pro 5G panels. Brackets are modular designed and easily connect together.





Hanging Option

Rigging System

Specifically designed for WN Pro 5G panels in 600mm width.



Floor Stack Option

Stacking System

Designed by industry veterans, the universal stacking system for LED panels is both easy to use and highly reliable, ensuring quick setup and teardown.





Color Curve + 3D LUT

Curve adjustment and importing of 3D LUT files let you manage color in creative and artistic ways, just like a Hollywood colorist.



Contrast + Black Level

Allows independent adjustment of highlights and shadows by contrast and black level, avoiding overexposure but delivering rich dark content.



Dual Image Booster

Improves the performance of grayscale, color and contrast ratio, creating an immersive view to fulfill the requirements necessary for xR applications.



Specifications

ATS-PRO WN Pro 5G Series Modular LED panel shown.

Specifications	WN Pro 5G .7	WN Pro 5G .9	WN Pro 5G 1.2	WN Pro 5G 1.5
LED Type	Flip Chip COB	Flip Chip COB	Flip Chip COB	Flip Chip COB
Pixel Pitch (mm)	0.78	0.93	1.25	1.56
Panel Dimensions (W*H)/(mm)	600 x 337.5 x 33	600 x 337.5 x 33	600 x 337.5 x 33	600 x 337.5 x 33
Pixel Per Panel	768x432	640x360	480x270	384x216
Panel Weight (kg/m ²)	4.7	4.5	4.5	4.5
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (W*H)/(mm)	150 x 168.76	150 x 168.76	150 x 168.76	150 x 168.76
Brightness (nit)	600	800	800	800
Refresh Rate (Hz)	≥3840	7680	7680	7680
Grayscale (bit)	16 Bit	13 Bit	13 Bit	13 Bit
Contrast Ratio	15,000:1	15,000:1	15,000:1	15,000:1
Color Temperature (K)	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160
Driving Type	1/48	1/54	1/60	1/54
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m ²)	390/130	400/133	350/117	326/109
Storage Temperature (°C)	-40~+60°C	-40~+60°C	-40~+60°C	-40~+60°C
Operating Temperature (°C)	-10~+40°C	-10~+40°C	-10~+40°C	-10~+40°C
Storage Humidity (RH)	10%~85%	10%~85%	10%~85%	10%~85%
Operating Humidity (RH)	10%~80%	10%~80%	10%~80%	10%~80%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	10,000	10,000	10,000	10,000
Maintenance	Front	Front	Front	Front
Panel Installation Type	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking
Certification	ETL, CE, FCC	TUV-CE, RoHS, ETL, FCC	TUV-CE, RoHS, ETL, FCC	TUV-CE, RoHS, ETL, FCC

Specifications subject to change. Please contact ATS-Pro for updated specifications.





Masters in the Art of LED

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