

# Taylorleds

Lorem ipsum



# WN Pro

ENGINEERED TO SAVE TIME WITHOUT COMPROMISE

Larger Panels. Thinner Design. Faster Installs.

WN PRO SERIES .7mm, 9 mm, 1.2mm, 1.5mm

2026 WN PRO SERIES FLIP CHIP COB INDOOR LED MADE FOR ATS-PRO BY TAYLORLEDS





## 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 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. Building on that expertise, we are proud to introduce the WN Pro, now available with a **larger 600 x 675mm panel size** in addition to the original 600 x 375mm. The larger panel option significantly reduces installation time while maintaining the seamless precision ATS-PRO is known for. The WN Pro is also **15% thinner** than the previous model and features robust **hard pin connectors** for both **data and power**, ensuring a faster, more reliable setup.

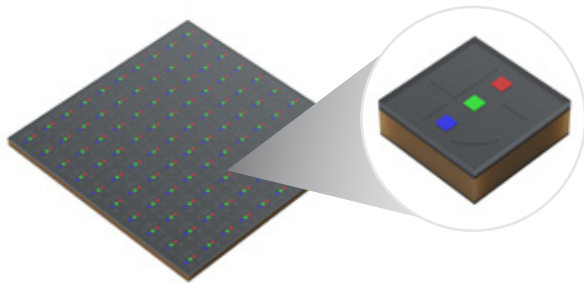
Engineered as the pinnacle of indoor ultra-fine pitch LED displays, the WN Pro incorporates a super black, uniform polymer coating and flip-chip design that deliver higher brightness, superior contrast, enhanced durability, and lower power consumption. Powered by advanced graphic cards, each display undergoes meticulous factory calibration to guarantee true-to-life color accuracy and HDR color grading. For the finishing touch, ATS-PRO offers on-site commissioning and calibration services, completing this state-of-the-art direct-view LED solution.



# The Best COB Display

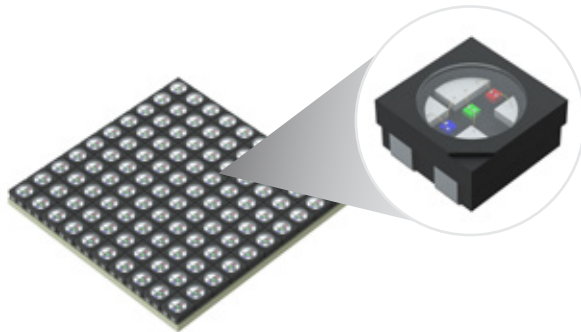
## COB Technology

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.

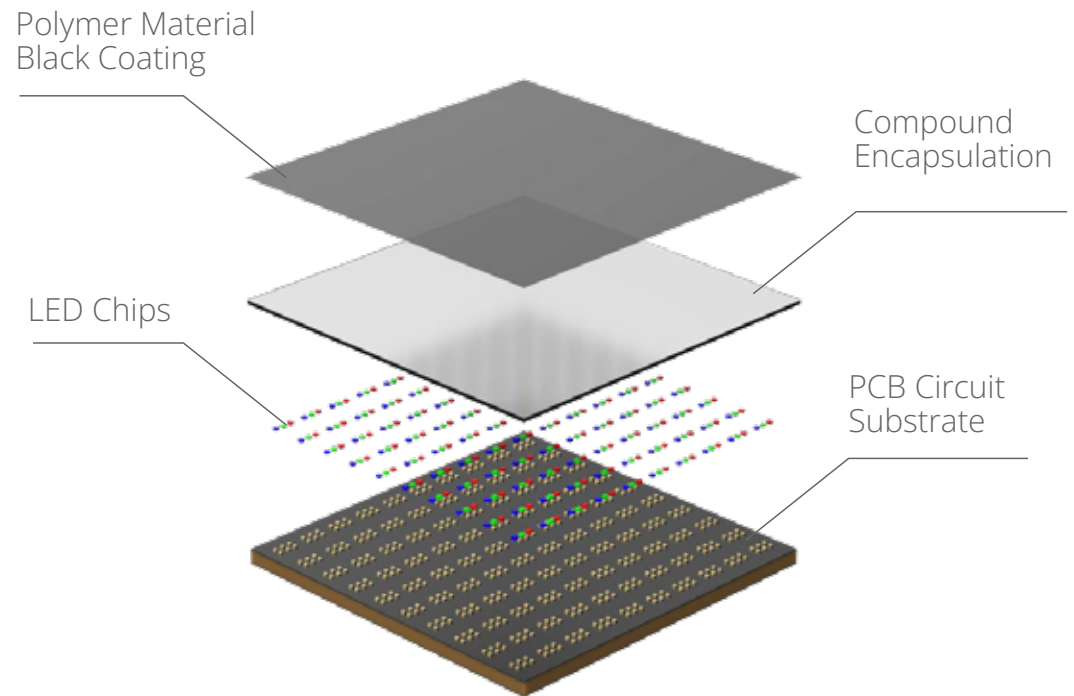


## COB Compared to SMD

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



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## High Refresh Rate: 7680Hz

The WN Pro 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.



# Multiple panel sizes

Multiple panels sizes to build almost any size  
LED wall imaginable...

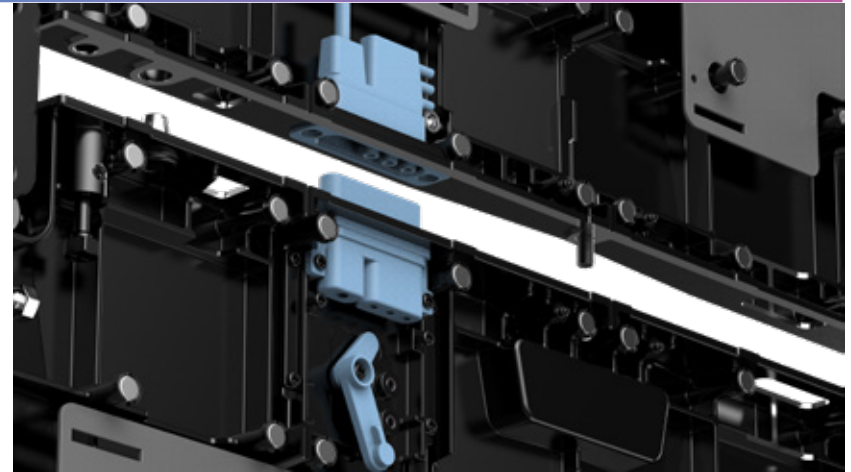
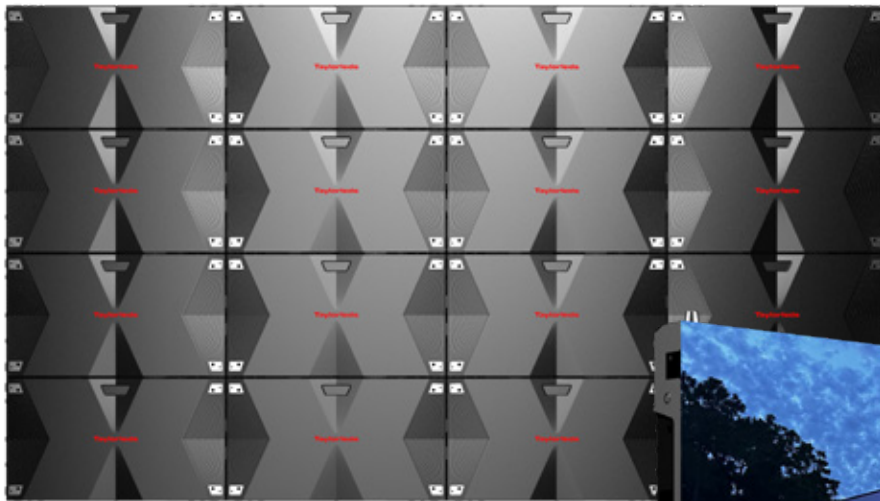
- 600 x 675 x 33
- 600 x 337.5 x 33
- 450 x 337.5 x 33
- 300 x 337.5 x 33



# 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.



## Hard Pin Connectors

Hard pin connectors for data and power for easier connection 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.



## 15% Thinner

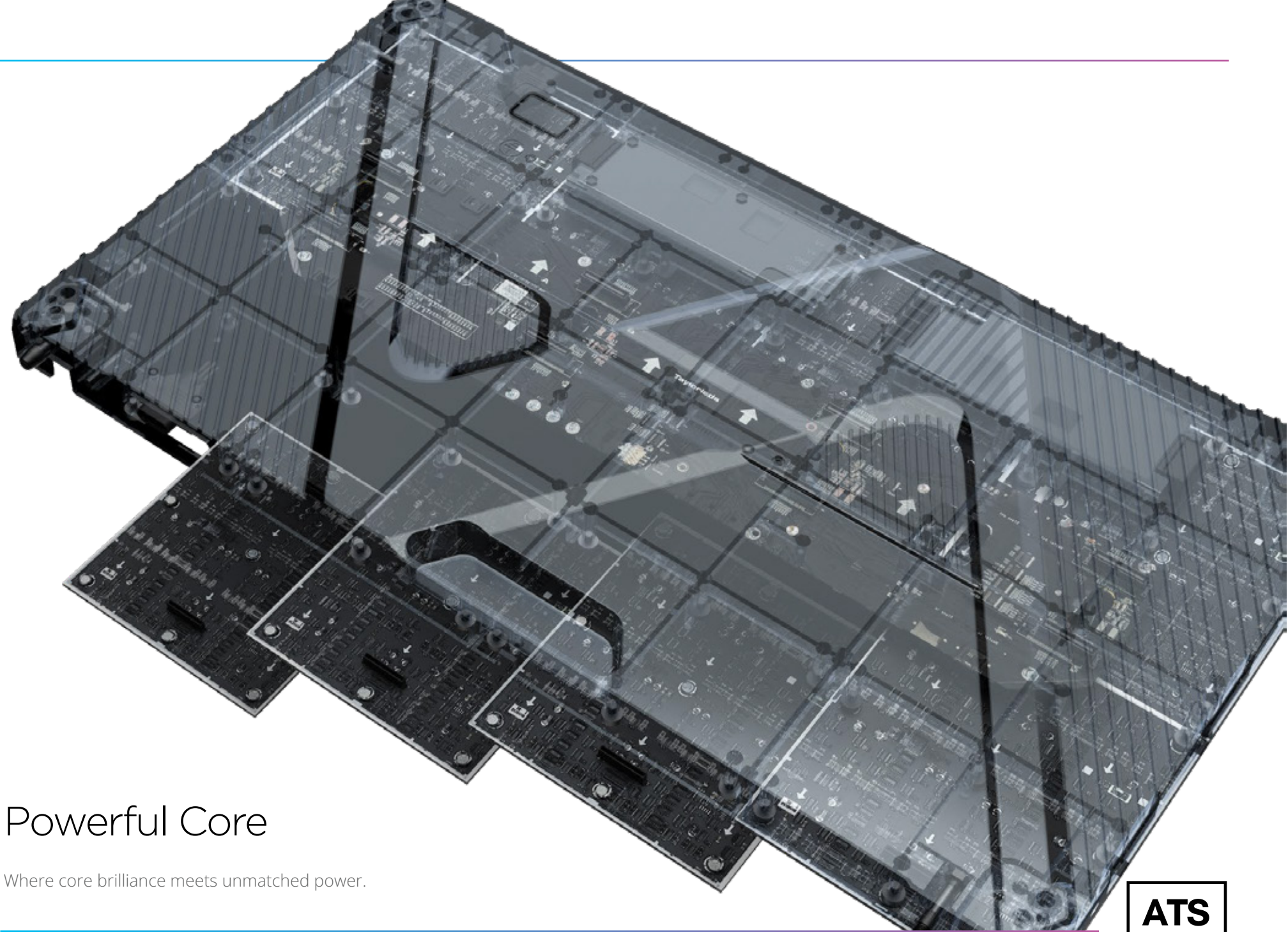
Just over 1.3" thick panel (33 mm / 1.3").



## Front Serviceable

The WN Pro 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.



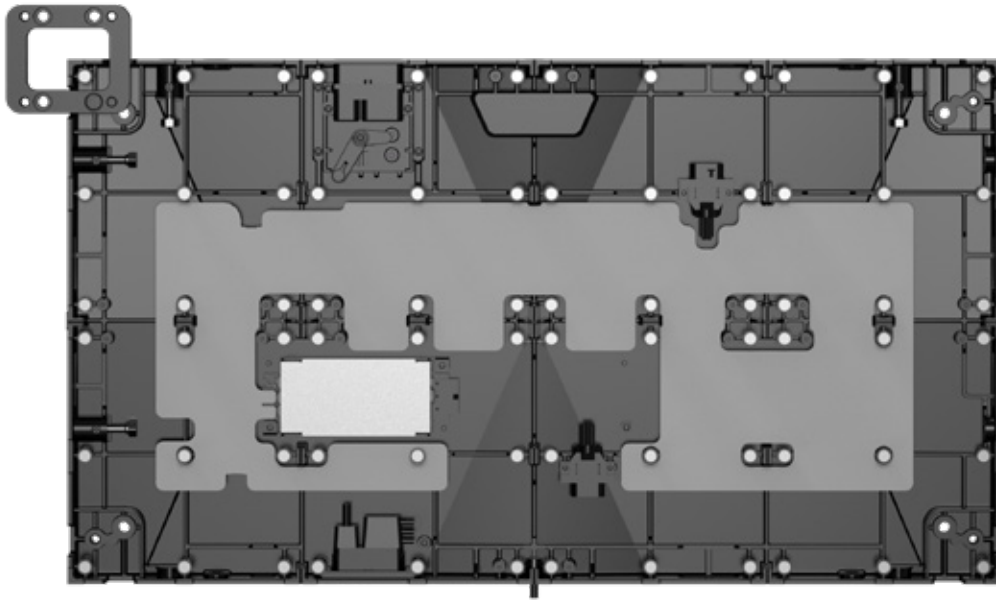


## Powerful Core

Where core brilliance meets unmatched power.

2026 WN PRO SERIES FLIP CHIP COB INDOOR LED MADE FOR ATS-PRO BY TAYLORLEDS





## Uninterrupted Performance with Intelligent Redundancy

In environments where every second counts, the WN Pro rises to the occasion with an optional **dual-backup** configuration designed for mission-critical applications. This robust system features **redundant power supplies** and dual receiving cards, ensuring uninterrupted performance—even in the event of a hardware failure.

Should a primary power source or signal path encounter an issue, the **backup seamlessly takes over**, maintaining continuous operation without black screens, flickers, or data loss. Whether deployed in broadcast studios, command centers, transportation hubs, or high-stakes corporate spaces, WN Pro keeps you online and on point.

## Super Protective Surface

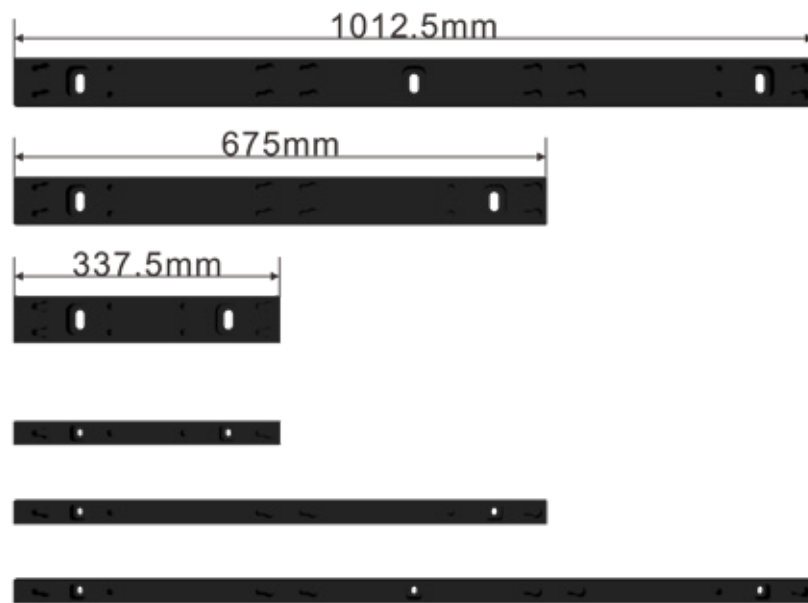


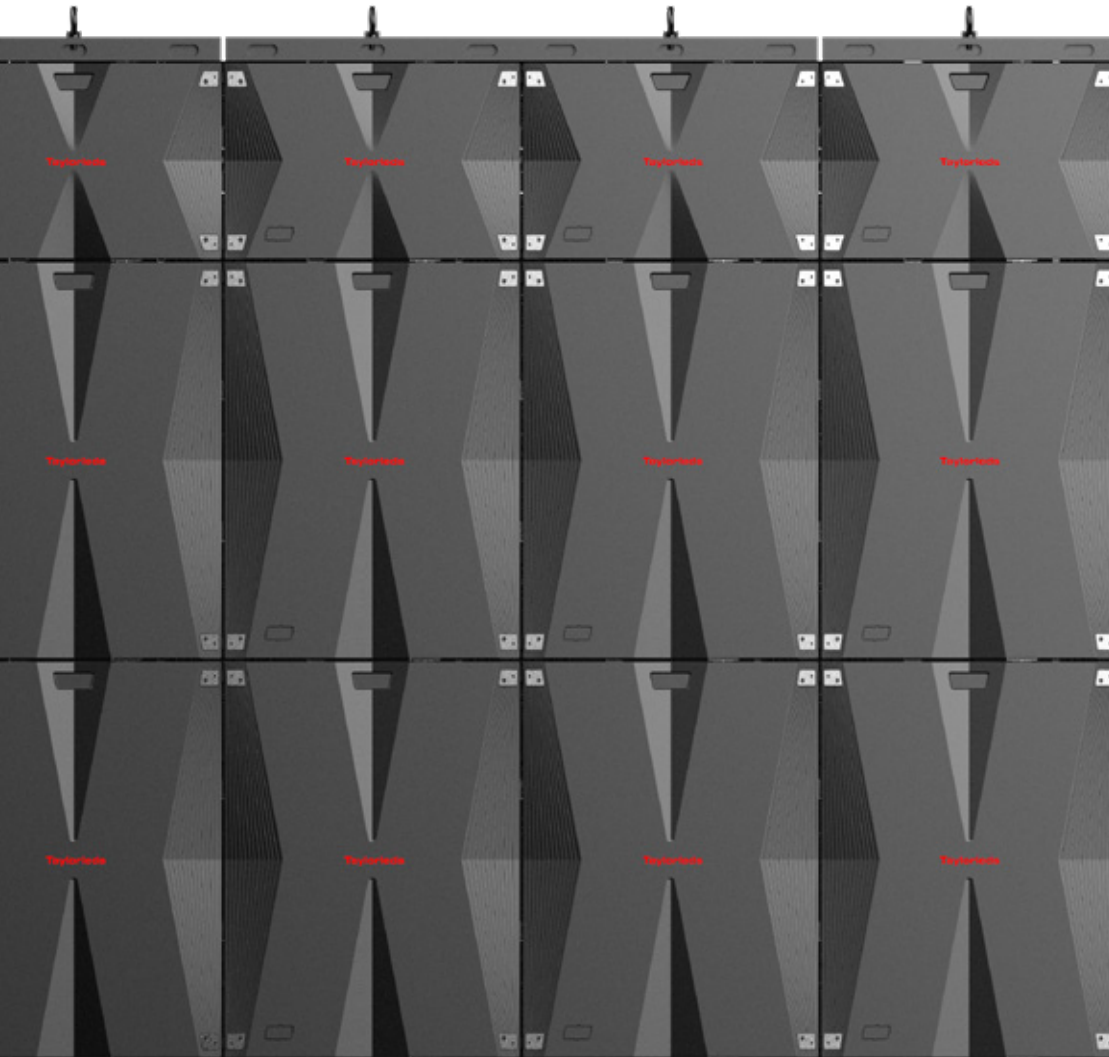
-  Dust-resistant
-  Anti-collision
-  Anti-oxidation
-  Moisture-resistant
-  Anti-static
-  Anti-finger marks

# Wall Mounting Options

## Wall Mount System

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





## Hanging Option

### Rigging System

Specifically designed for WN Pro panels in 600 mm width.



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# 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.



# Specifications

ATS-PRO WN Pro Series Modular LED panels shown.

Specifications	WN Pro .7	WN Pro .9	WN Pro 1.2	WN Pro 1.5
<b>LED Type</b>	Flip Chip COB	Flip Chip COB	Flip Chip COB	Flip Chip COB
<b>Pixel Pitch (mm)</b>	0.78	0.93	1.25	1.56
<b>Panel Dimensions (W*H)/(mm)</b>	600 x 337.5 x 33 450 x 337.5 x 33 300 x 337.5 x 33	600 x 337.5 x 33 450 x 337.5 x 33 300 x 337.5 x 33	600 x 337.5 x 33 450 x 337.5 x 33 300 x 337.5 x 33 600 x 675 x 33	600 x 337.5 x 33 450 x 337.5 x 33 300 x 337.5 x 33 600 x 675 x 33
<b>Pixel Per Panel</b>	768x432 576x432 384x432	640x360 480x360 320x360	480x270 360x270 240x270 480x540	384x216 288x216 192x216 384x432
<b>Panel Weight (kg/m<sup>2</sup>)</b>	4.2 / 3.5 / 2.5	4.2 / 3.5 / 2.5	4.2 / 3.5 / 2.5 / 9	4.2 / 3.5 / 2.5 / 9
<b>Panel Material</b>	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
<b>Module Dimensions (W*H)/(mm)</b>	150 x 168.76	150 x 168.76	150 x 168.76	150 x 168.76
<b>Brightness (nit)</b>	800	800	800	800
<b>Refresh Rate (Hz)</b>	≥3840	7680	7680	7680
<b>Grayscale (bit)</b>	14-16 Bit	13 Bit	13 Bit	13 Bit
<b>Contrast Ratio</b>	15,000:1	15,000:1	15,000:1	15,000:1
<b>Color Temperature (K)</b>	6500	6500	6500	6500
<b>Viewing Angle (H/V) (°)</b>	160/160	160/160	160/160	160/160
<b>Driving Type</b>	1/64	1/54	1/60	1/54
<b>AC Operating Voltage (V)</b>	100~240	100~240	100~240	100~240
<b>Power Consumption (Max./Avg.) (W/m<sup>2</sup>)</b>	440/146	400/133	350/117	326/109
<b>Storage Temperature (°C)</b>	-40~+60°C	-40~+60°C	-40~+60°C	-40~+60°C
<b>Operating Temperature (°C)</b>	-10~+40°C	-10~+40°C	-10~+40°C	-10~+40°C
<b>Storage Humidity (RH)</b>	10%~85%	10%~85%	10%~85%	10%~85%
<b>Operating Humidity (RH)</b>	10%~80%	10%~80%	10%~80%	10%~80%
<b>IP Rating (Front/Rear)</b>	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
<b>LED Lifetime (H)</b>	10,000	10,000	10,000	10,000
<b>Maintenance</b>	Front	Front	Front	Front
<b>Panel Installation Type</b>	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking
<b>Certification</b>	TUV-CE, RoHS, ETL, 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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