

Taylorleds

WN PRO SERIES

Bigger Brighter Smarter

Engineered to Save Time
Without Compromise.



SUPERIOR
IMAGE QUALITY



ULTRA-THIN
DESIGN



MODULAR
PANEL SIZES



FAST & EASY
INSTALLATION

WN PRO SERIES 0.7mm, 0.9mm, 1.2mm, 1.5mm

ATS|PRO

EXPERIENCE INNOVATION REAL RESULTS

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

Founder & CEO of ATS-PRO

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, the WN Pro is now available in a larger 600 x 337.5mm panel size alongside the original 600 x 375mm, reducing installation time while maintaining seamless precision. The WN Pro is also 15% thinner and features robust hard pin connectors for both data and power for a faster, more reliable setup.

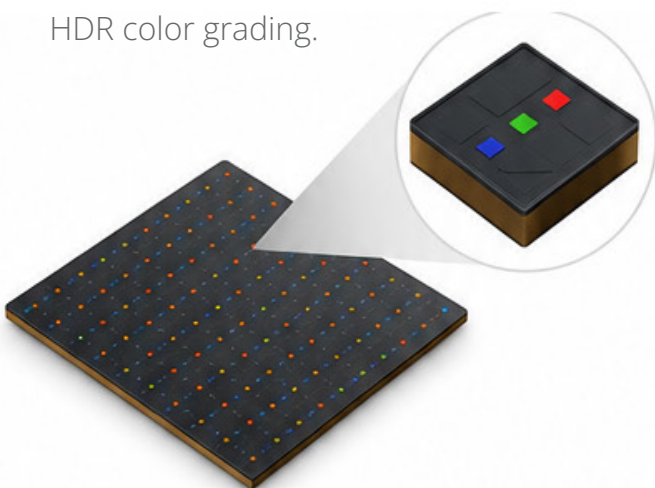
Engineered for indoor ultra-fine pitch applications, the WN Pro combines a super-black uniform polymer coating with flip-chip technology to deliver higher brightness, superior contrast, enhanced durability, and lower power consumption. Advanced graphics processing and factory calibration ensure true-to-life color accuracy and HDR performance, while ATS-PRO's on-site commissioning and installation services complete the solution.



The Best COB Display

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.



INCREDIBLE DETAIL

Brings out fine details in both highlights and shadows.



TRUE-TO-LIFE COLORS

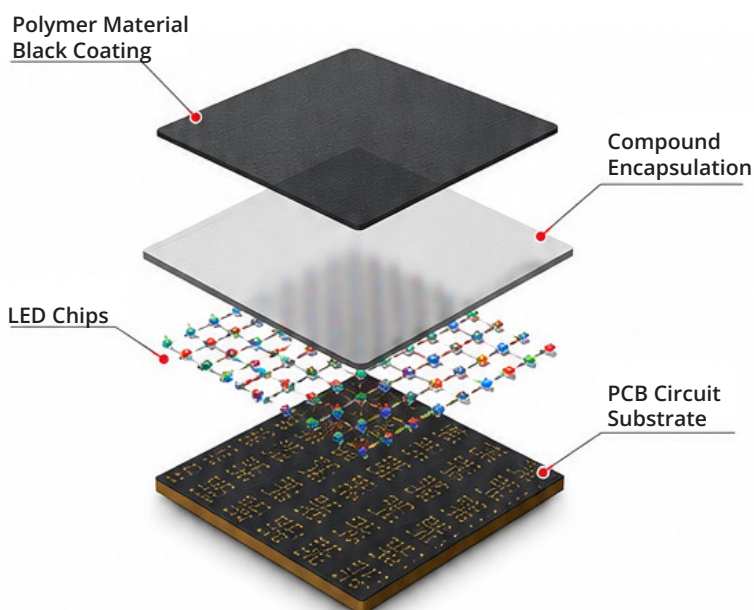
Vibrant, accurate color reproduction calibrated in the factory.



PRO REFERENCE MODES

Built-in HDR color grading modes for professional workflows.

CORE PACKAGING TECHNOLOGY





Snap-Lock Trim

Enhance the appearance of your LED display with the Snap-Lock Trim. Designed for fast installation and flexible adjustment, it delivers a clean, premium finish while adapting to different application styles.



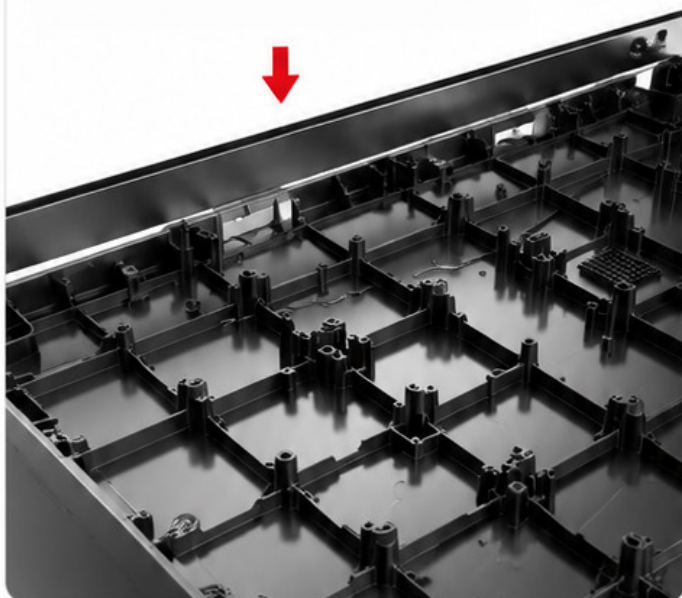
OPTIONAL MATERIAL FINISH:

Customize the trim with a selection of premium materials and finishes to complement your space, décor, and overall design aesthetic.

1

FAST SNAP-IN INSTALL

Install the trim in seconds by directly locking the trim onto each panel.



2

ADJUSTABLE FIT

Rotate the knob to loosen or tighten the gap between the trim and the panel.



FAST SNSTALLATION

Snap-lock design for quick, tool-free setup.



PRECISE ALIGNMENT

Adjustable gap for a perfect, seamless finish.



PREMIUM FINISH

Clean, refined look that elevates any space.

NOTE: Snap-lock trim only available for 600mm wide WN panels.

Multiple Panel Sizes

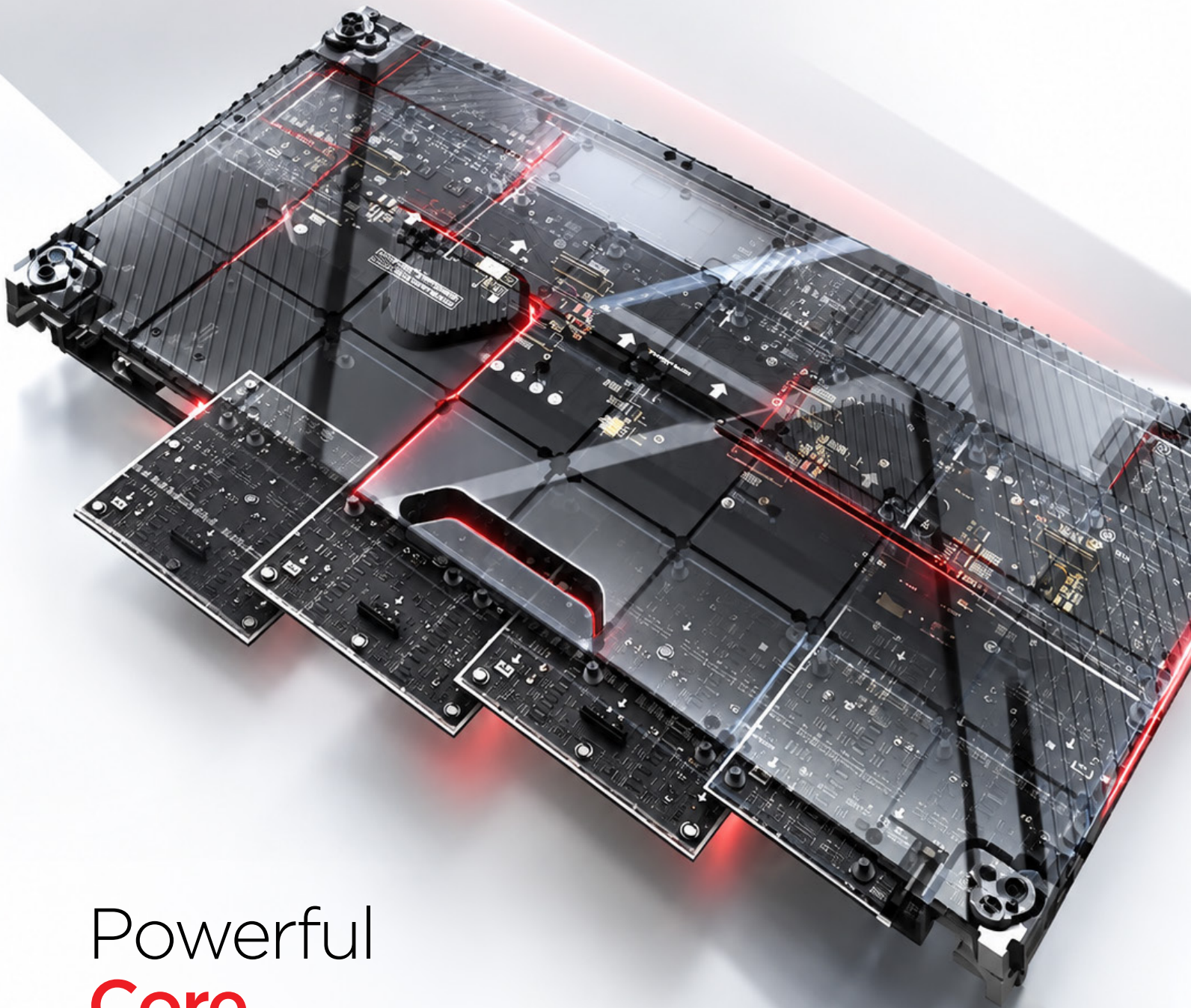
WN Pro offers multiple panel sizes, allowing you to build standard 16:9 displays or more closely match custom wall dimensions with fewer compromises.

The 600 mm, 450 mm, and 300 mm wide panels combine four, three, or two 150 mm-wide sections. Each section can also be used independently, while sharing power and data connections with adjacent sections.

For faceted, angled, or curved displays, these narrow panels can be paired with custom mounting plates to achieve the desired shape, create smoother transitions, and minimize visible seams between panels and LED modules.

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





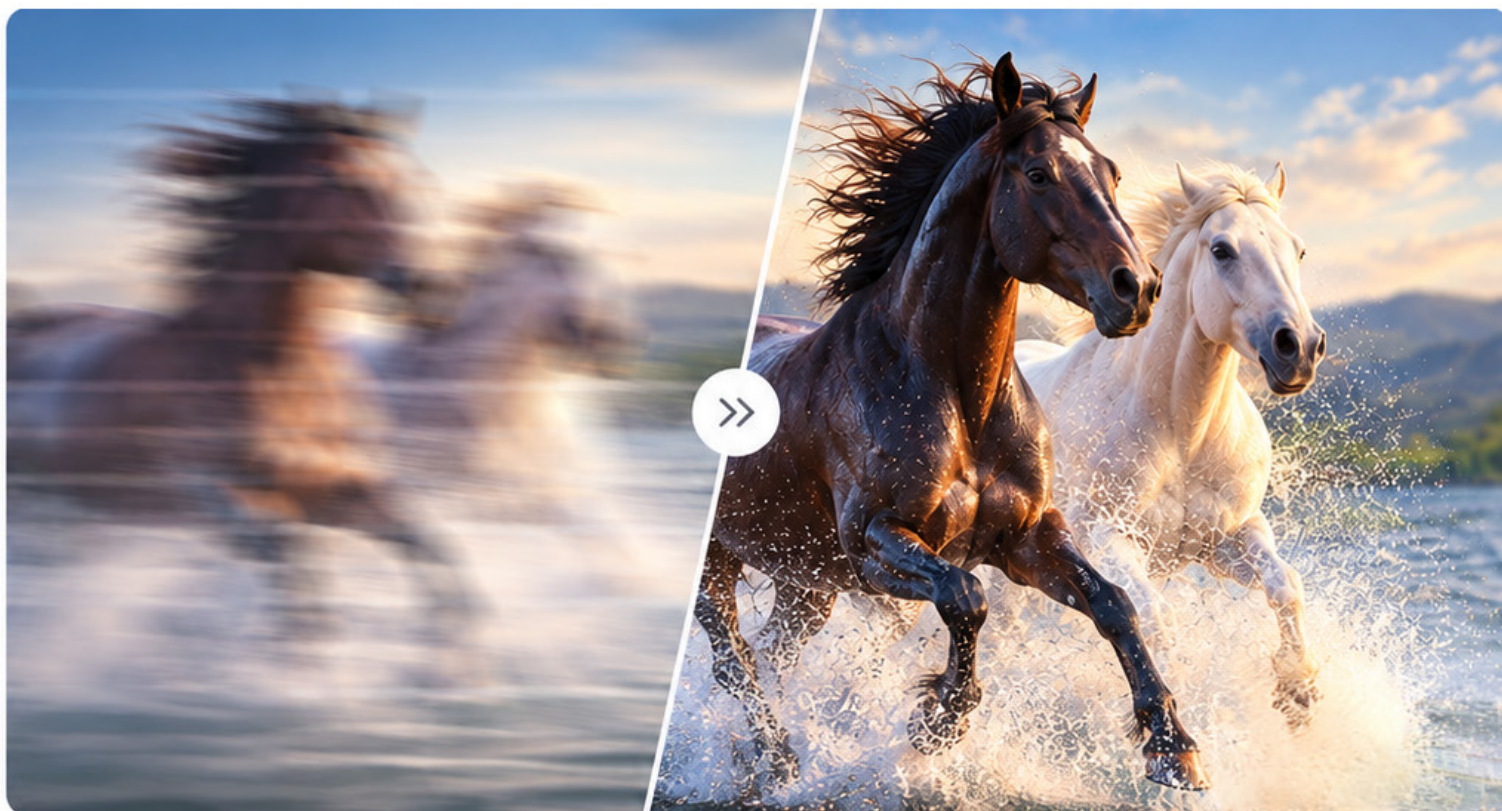
Powerful Core

Where core brilliance meets unmatched power. Engineered with a powerful processing core, the panel delivers seamless performance, precise image reproduction, and stunning visual clarity.

SMOOTHER MOTION. GREATER IMPACT.

High Refresh Rate: 7680Hz

The WN Pro 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.

**ELIMINATES
FLICKER**

Stable playback in
any environment.

**SMOOTH
PERFORMANCE**

Clear, natural motion
even in low grayscale.

**ADVANCED
TECHNOLOGY**

Powered by driver ICs,
PWM and PAM

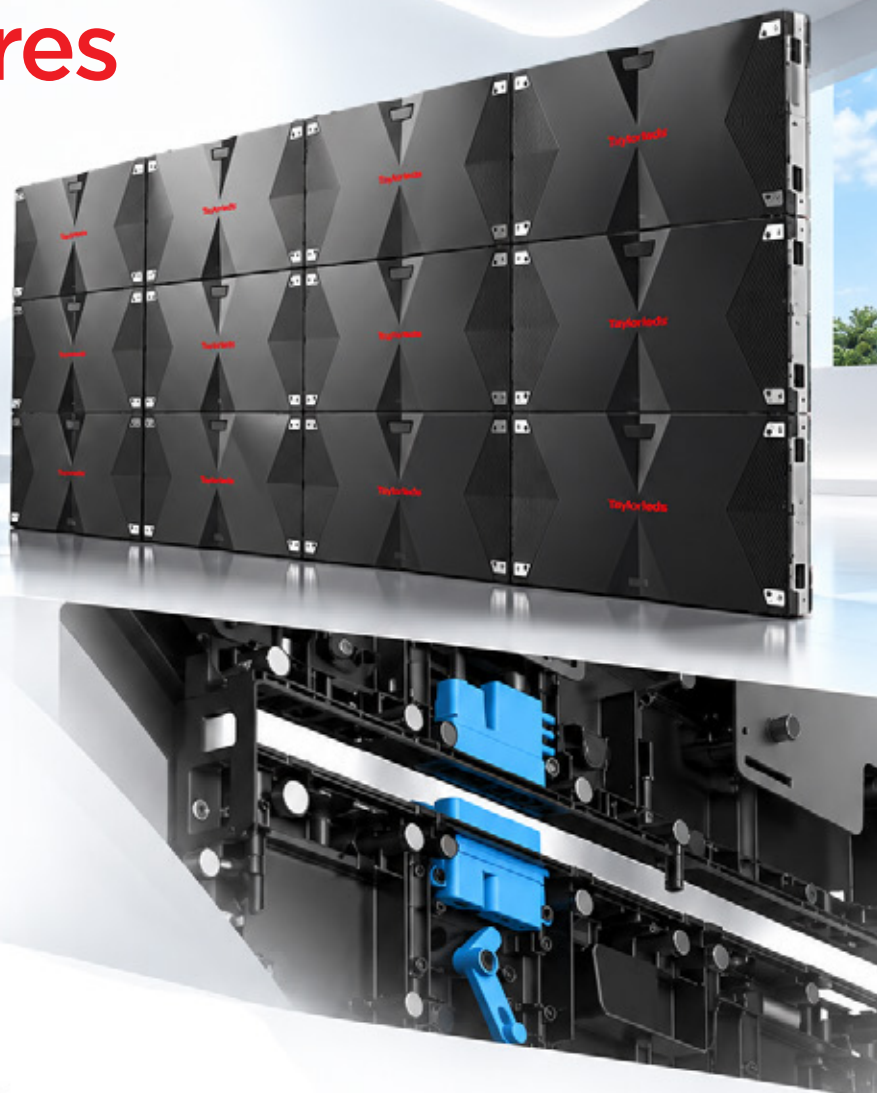
Elevated Panel Design with Pro Features

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 simplify power and data connections during installation.



DEEP BLACK

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

15% Thinner

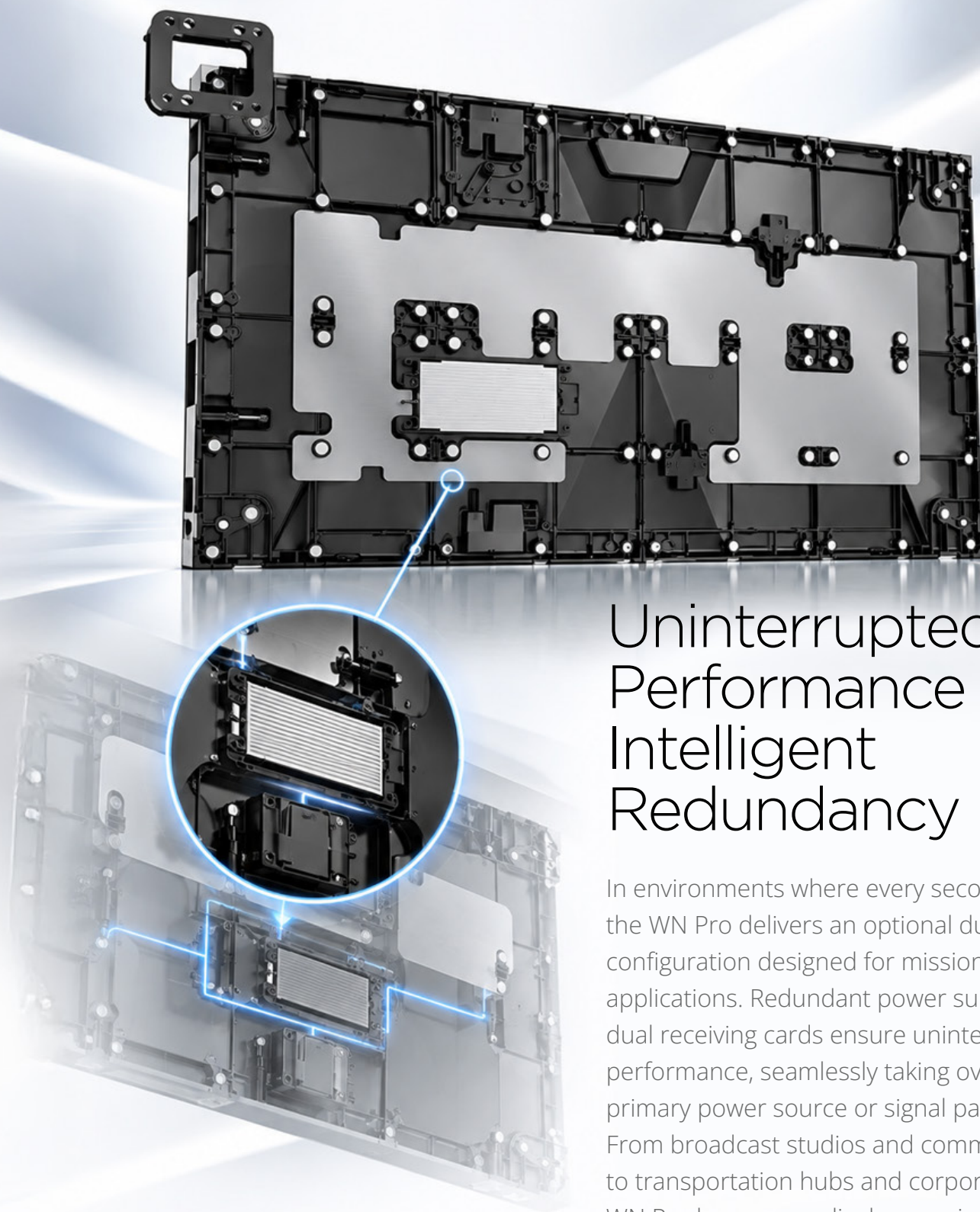


Ultra-thin 1.3" panel (33 mm).

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.





Uninterrupted Performance with Intelligent Redundancy

In environments where every second counts, the WN Pro delivers an optional dual-backup configuration designed for mission-critical applications. Redundant power supplies and dual receiving cards ensure uninterrupted performance, seamlessly taking over if a primary power source or signal path fails. From broadcast studios and command centers to transportation hubs and corporate spaces, WN Pro keeps your display running without black screens, flickering, or data loss.

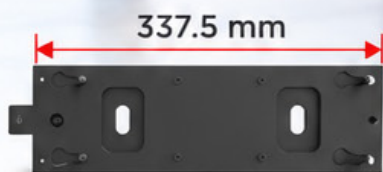
Super **Protective** Surface

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

Wall Mounting Option

WALL MOUNT SYSTEM

Specifically designed wall mount system for WN Pro panels. Modular brackets are designed to connect easily.

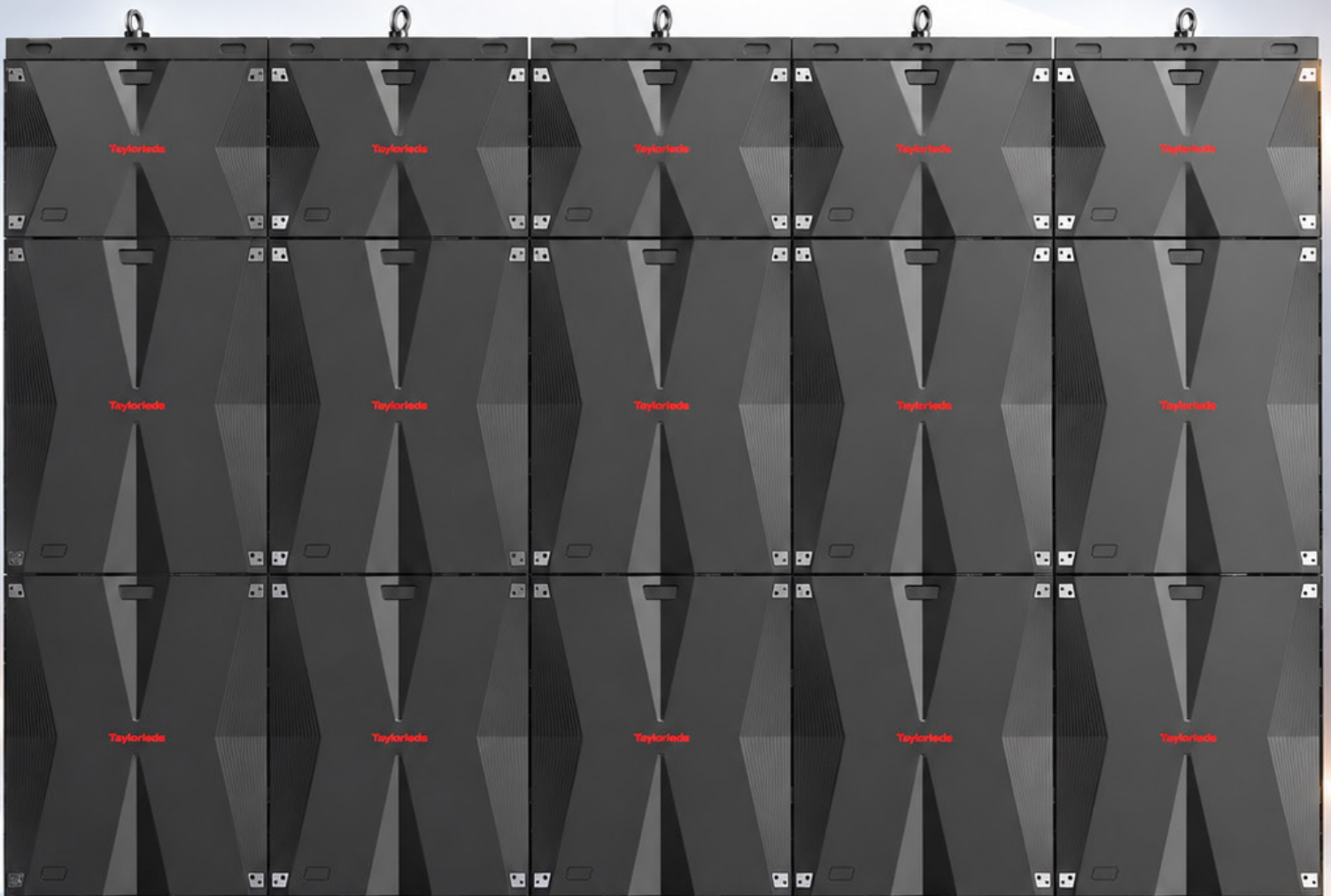


Hanging Option



RIGGING SYSTEM

Engineered for fast, efficient installation, the WN Pro features a lightweight hang bars designed for easy handling and precise panel alignment.



Floor Stack Option

STACKING SYSTEM

Engineered for stability and precise alignment, the floor stacking system provides secure support for floor-stacked LED walls. Adjustable leveling bases compensate for uneven floors, helping maintain proper screen alignment and overall stability.



Specifications

ATS-PRO WN Pro - Series Modular LED panel shown. Additional frame sizes available.

Specifications	WN Pro 0.7	WN Pro 0.9	WN Pro 1.2	WN Pro 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
	450 x 337.5 x 33	450 x 337.5 x 33	450 x 337.5 x 33	450 x 337.5 x 33
	300 x 337.5 x 33	300 x 337.5 x 33	300 x 337.5 x 33	300 x 337.5 x 33
			600 x 675 x 33	600 x 675 x 33
Pixel Per Panel	768x432	640x360	480x270	384x216
	576x432	480x360	360x270	288x216
	384x432	320x360	240x270	192x216
			480x540	384x432
Panel Weight (kg)	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
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)	800	800	800	800
Refresh Rate (Hz)	3840	7680	7680	7680
Grayscale (bit)	14-16 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	1/64	1/54	1/60	1/54
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m²)	440/146	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)	100,000	100,000	100,000	100,000
Maintenance	Front	Front	Front	Front
Panel Installation Type	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking	Fixed/Hanging/Stacking
Certification	TUV-CE, RoHS, ETL, FCC	TUV-CE, RoHS, ETL, FCC	TUV-CE, RoHS, ETL, FCC	TUV-CE, RoHS, ETL, FCC





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