Thin Series 16:9 Ratio

16 X 9 ASPECT RATIO HD DIRECT VIEW LED WALLS

ATS PRO™

THIN SERIES LED 16X9 ASPECT RATIO

Ultra Thin, Light Design

The finest built Direct View LED Wall Systems

For more than 15 years the staff at ATS-Professional has designed and built some of the most iconic indoor LED systems throughout the world with Pixel ranges from .83mm to 4mm in all sorts of sizes and shapes.

ATS-Professional is a direct designer and importer of OEM LED Panel designs. Our LED products are manufactured for ATS by some of the largest LED factories in the world.
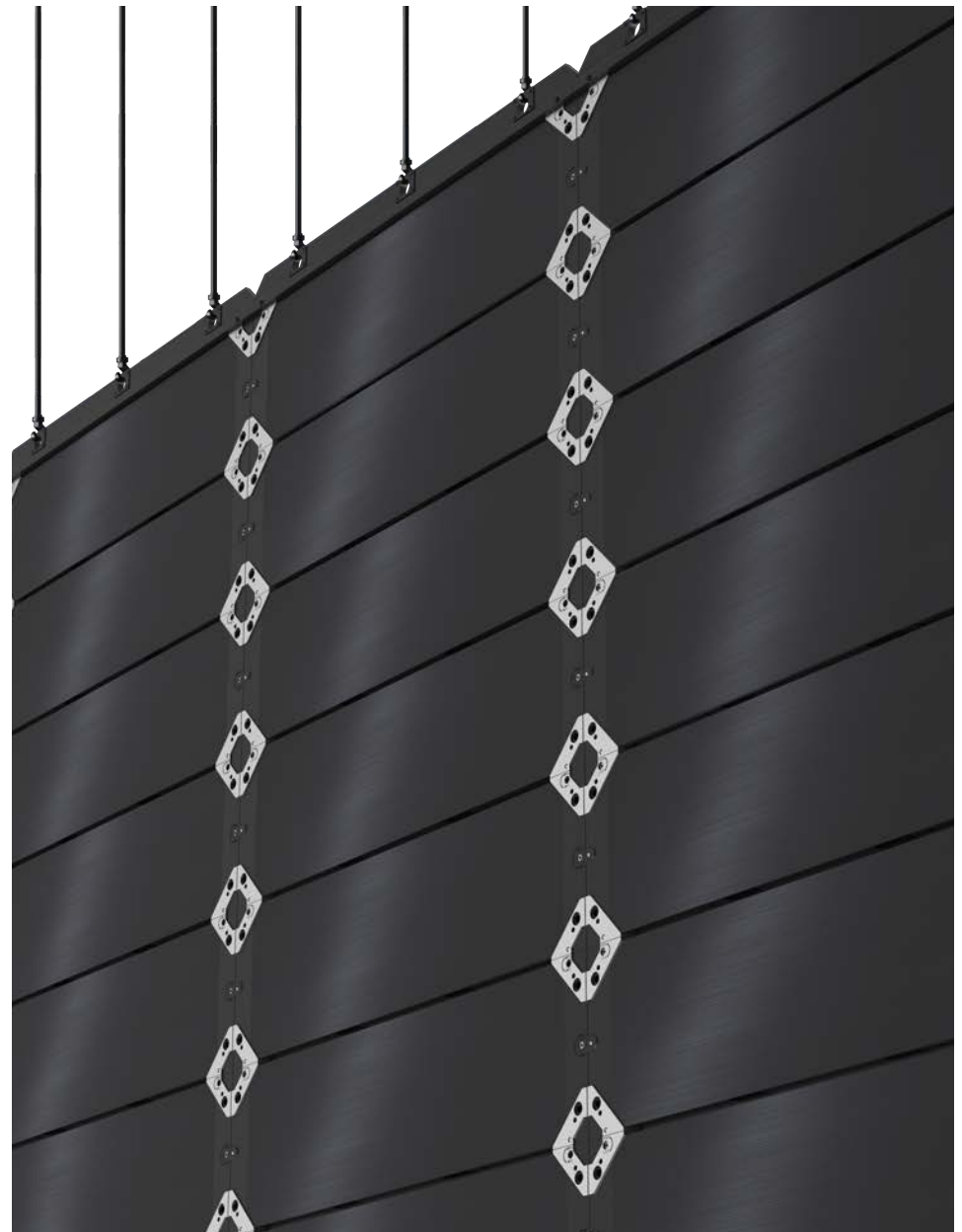
We choose OEM factories based on the requirements of the project and each factory's unique capabilities to provide the finest solution for our customers based on our Engineering Build Requirements and Design.

With decades of experience dealing in OEM manufacturing and our Un-matched internal Design and Engineering, ATS-Professional introduces our newest and most advanced line of indoor LED systems.

Every facet of the Design has been meticulously thought out. Mechanical Design, Visual Electronics, Installation, Reliability, Service and Support, Multiple Resolutions and Media Playback Systems to fit any budget.

We are very proud of latest versions of our Direct View LED Wall Systems for 2020.

2020 ATS-PRO THIN SERIES LED 16:9 RATIO
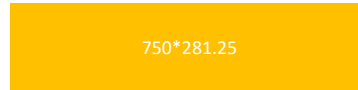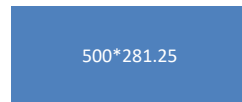
THIN SERIES LED 16X9 ASPECT RATIO

Features

Exceptional Engineering
Great care was taken in the mechanical design of the Thin LED Series. Designed to be thin and light weight. Full Front Service enables mounting to anything while still maintaining service capabilities.
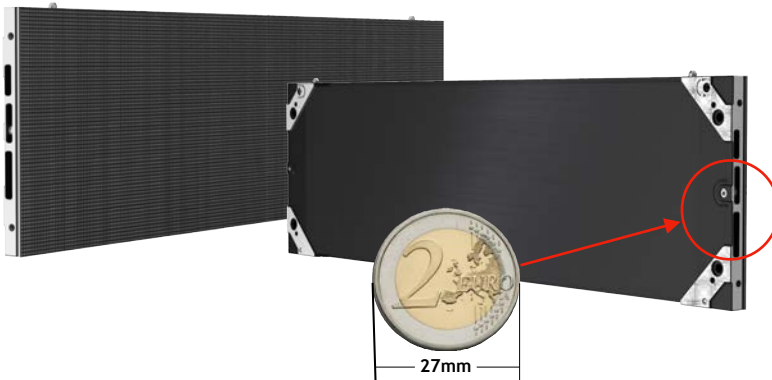

Multiple Panel Sizes
With (3) Panels sizes 1000mm w x 281.25mm h, 750mm w x 281.25mm h and 500mm w x 281.25mm h, any 16x9 Aspect Ratio Size can be achieved. 16 x9 Aspect Ratio's allow for most HD Video Content to be played without the need for Cropping or Editing to fit the Screen Size.

500*281.25

750*281.25

1000*281.25

Thin & Light - Weight
Only 27mm thick and as low as 7.7lbs per panel (500mm z 281.25 x 27mm)

27mm

2020 ATS-PRO THIN SERIES LED 16:9 RATIO
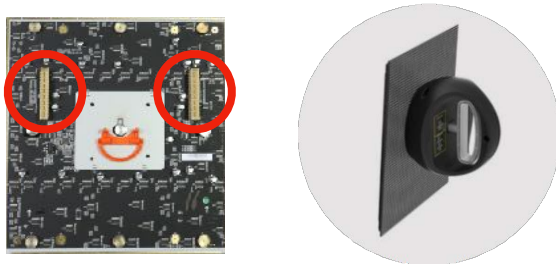
Multiple Resolutions
Thin series Panels are available in 1.9mm, 2.6mm, and 3.9mm in various sizes. Graphics Processing supports HDR and as standard 1000 lumens brightness with a Contrast Ratio of 4000:1.

THIN SERIES LED 16X9 ASPECT RATIO

Features continued

Advanced Hardware - Hard Pin Connectors
The front service LED Modules themselves have done away with failure prone ribbon connectors and have instead used hard wired multiple pin connectors inserted right onto the PCB board. Along with Magnets that help hold the panel in place, this design enables perfect alignment between LED Modules and quicker installation.

Sprolink Video Processors
Sprolink Video Processors enable multiple inputs, windows and layers, PIP Format Conversion and Scaling to all LED walls from 1080P up to 8K. Most LED Suppliers never think to add these important components, leaving their customers with an incomplete solution for most of their uses.

Advanced Hardware - Fast Lock Panel Connectors
Connecting one panel to another could not be easier with the integrated Fast Lock clutch connectors built into every Thin Series panel. Just a quick turn with an Allen key and the panels are attached to one another. No need for additional bolts and hardware. Fast assembly with perfect alignment.
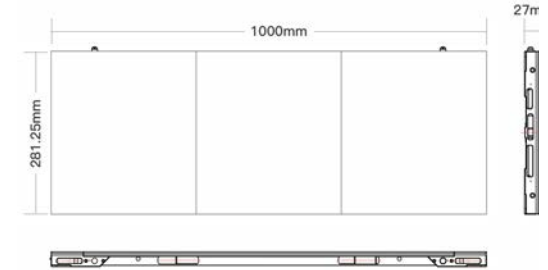

Novastar LED Processors and Graphics Cards
Novastar, is a global leading LED display solution provider, designing and developing LED display control solutions for a variety of market applications including entertainment, digital signage and rental.

THIN SERIES LED 16X9 ASPECT RATIO

Specifications

Specifications	Thin 1.9	Thin 2.6	Thin 3.9
Pixel Pitch (mm)	1.9	2.6	3.9
LED Type	SMD1515 NationStar Gold Wire black lamps, SMD1515 NationStar Copper Wire black lamps, SMD1515 Kinglight Copper Wire black lamps - ICN2153AP high refresh.	SMD212 NationStar Gold Wire black lamps, SMD2121 NationStar Copper Wire black lamps, SMD2121 Kinglight Copper Wire black lamps - ICN2153AP high refresh.	SMD212 NationStar Gold Wire black lamps, SMD2121 NationStar Copper Wire black lamps, SMD2121 Kinglight Copper Wire black lamps - ICN2153AP high refresh.
Cabinet Size (WxHxD) mm	1000 * 281.25 * 27 750 * 281.25 * 27 500 * 281.25 * 27	1000 * 281.25 * 27 750 * 281.25 * 27 500 * 281.25 * 27	1000 * 281.25 * 27 750 * 281.25 * 27 500 * 281.25 * 27
Receiving Card	Novastar A5S	Novastar A5S	Novastar A5S
Panel Weight (KG)	1000*281.25: 5.5KG 750*281.25: 4.5KG 500* 281.25: 3.5KG	1000*281.25: 5.5KG 750*281.25: 4.5KG 500* 281.25: 3.5KG	1000*281.25: 5.5KG 750*281.25: 4.5KG 500* 281.25: 3.5KG
Module size(mm)	250*281.25	250*281.25	250*281.25
Module Resolution	128*144	96*108	64*72
Module Connector	Hard Pin Connector, no ribbon cable eliminates 75% of LED wiring failures.	Hard Pin Connector, no ribbon cable eliminates 75% of LED wiring failures.	Hard Pin Connector, no ribbon cable eliminates 75% of LED wiring failures.
Certificates	FCC ETL CE EMC	FCC ETL CE EMC	FCC ETL CE EMC
Input voltage (V, Hz)	100v-240v	100v-240v	100v-240v
Viewing Angle (H/V) (°)	any degree from 0-90	any degree from 0-90	any degree from 0-90
Brightness	≥800	≥1000	≥1000
Refresh Rate	≥3840 Hz	≥3840 Hz	≥3840 Hz
Bit	14 bit	14 bit	14 bit

Specifications subject to change. Please contact ATS-Professional for updated Specifications