PLANAR

21by9 Series

UltraWide 5K LCD Displays

The Planar® 21by9 Series redefines ultra-wide display experiences with a complete line of 21:9 5K LCD displays engineered for immersive collaboration and cinematic viewing environments. Featuring stunning visual performance, advanced processing capabilities and optional touch interaction, the series enables more engaging content experiences while supporting modern workplace applications. Designed for 24x7 operation and equipped with advanced cybersecurity protections, the Planar 21by9 Series delivers confidence alongside exceptional image quality in a commercial-grade display solution.

- 81", 94" and 105" sizes
- 21:9 ultra-wide format with immersive 5K resolution
- Superior brightness, contrast and color performance
- Quantum-dot Mini-LED backlight with up to 2,560 local dimming zones
- Advanced cybersecurity protections
- TAA and Non-TAA models available

5K | 24x7 | ADA COMPLIANT | TAA COMPLIANT | ENERGY STAR

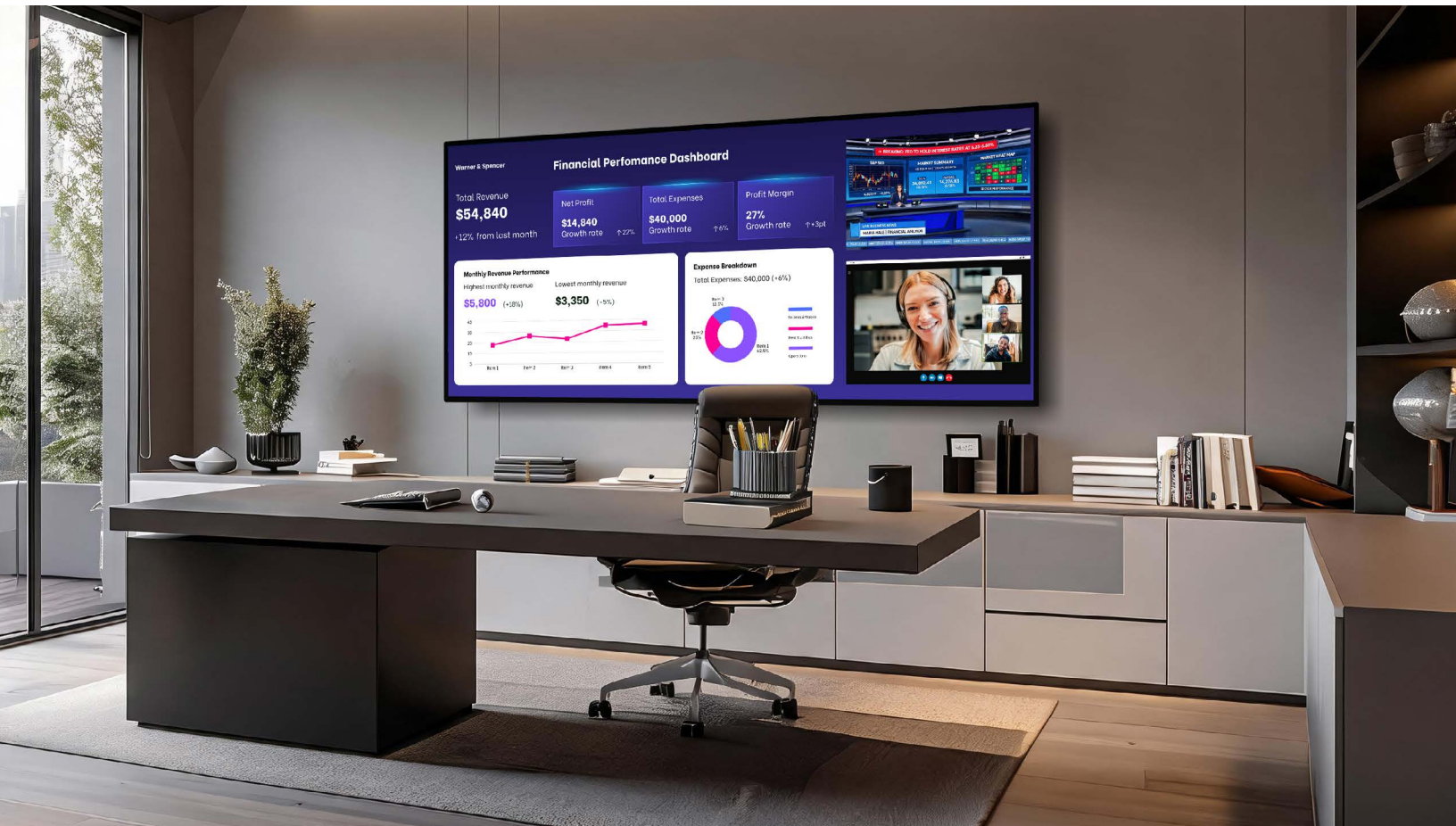
HDR10+ | VESA CERTIFIED DisplayHDR™ 1400



21by9 Series
Product Highlights

- Gigabit ethernet
- USB-C 90w power delivery
- HDMI 2.1 certified
- DisplayPort 2.1 certified
- HDCP 2.3
- Full 5K resolution menu
- Floating picture-in-picture and multiple input layout
- 24x7 operation
- Portrait or landscape orientation
- Reverse touch with Windows®, macOS®, Android™ and Linux®
- TAA Compliant







Immersive and Impactful Experiences

The Planar 21by9 Series combines ultra-wide 5K resolution with industry-leading visual performance in a commercial-grade LCD display family. Available in 81, 94 and 105-inch sizes, the series delivers a cinematic digital canvas that enhances collaboration, content presentation and audience engagement across corporate, higher-end residential and premium environments.

The displays are engineered to support today's evolving collaboration, content-sharing and cinematic viewing needs, making them ideal for modern meeting spaces and premium viewing applications. Optional projected capacitive touch capabilities further enhance interactivity and real-time collaboration.

Built for professional deployment, the Planar 21by9 Series also delivers the reliability, advanced cybersecurity protections and operational confidence organizations expect from Planar.

With support for continuous operation, TAA compliance and ETSI EN 303 645 certification, the series is designed for secure deployment across professional environments.capabilities further enhance interactivity and real-time collaboration.

Advantages of Ultra-Wide Viewing

The 21:9 ultra-wide format provides significantly more horizontal viewing space than traditional 16:9 displays while maintaining a similar display height



Planar 21by9 Series			
Product Name	**21by9 81 | 21by9 81T**	**21by9 94 | 21by9 94T**	**21by9 105 | 21by9 105T**
Display Resolution	5K (5120 x 2160)		
Screen Size	81in (diagonal)	94in (diagonal)	105in (diagonal)
Aspect Ratio	21:9		
Display Technology	Quantum Dot mini-LED LCD		
Haze	25%		
Surface Treatment (non-touch only)	AG		
Protective Glass (touch only)	3mm optically-bonded glass with AG coating		
Touch Technology	Projected Capacitive (metal mesh): 50 points		
OS Compatibility (touch only)	Windows 11, Mac OSX and Linux		
Display Active Area	1886.2mm x 795.7mm 74.3" x 31.3"	2200.3mm x 928.3mm 86.6" x 36.5"	2449.9mm x 1033.6mm 96.5" x 40.7"
Viewing Angle (typ)	178°		
Backlight	mini-LED		
Backlight life (1/2 brightness)	50,000 hrs (typ)		
Brightness (typ)	700 nits	1000 nits	
Peak Brightness	1200 nits	2500 nits	1800 nits
Brightness (w/protective glass)	630 nits	900 nits	
Peak Brightness (w/protective glass)	1000 nits	2000 nits	1500 nits
Response Time (typ)	13ms	6.5ms	8ms
Refresh Rate	144Hz	120Hz	
Contrast Ratio (typ)	1200:1	5500:1	1200:1
HDR (High Dynamic Range)	HDR10 certified, HDR10+ certified		
HDR Dynamic Contrast	100,000:1	550,000:1	120,000:1
Local Dimming	1792 zones	2560 zones	
Pixel Pitch	0.368mm	0.430mm	0.479mm
Color Gamut	DCI-P3 120%	DCI-P3 114%	DCI-P3 108%
Display Color	>1 billion colors. Full 10 bit data path		
External Connections	DisplayPort 2.1 in x 1, HDMI® 2.1 x 2 (HDCP 2.2, eARC), HDMI out, USB-C x 1, USB-A x3 USB-B x1 (touch models only)		
Modes	Up to 5120 x 2160 @ 120Hz		
Display Control	IR, RS-232, LAN, HDMI-CEC, Keypad		
Dimensions (W x H x D)	Non-touch: 1929.5mm x 839.0mm x 78mm | 76.0"" x 33.0"" x 3.1"" Touch: 1940.2mm x 858.8mm x 78.9mm | 76.4" x 33.8"" x 3.1"	Non-touch: 2243.6mm x 971.5mm x 78mm | 88.3" x 38.2" x 3.1" Touch: 2254.3mm x 991.4mm x 78.9mm | 88.8" x 39.0" x 3.1"	Non-touch: 2493.2mm x 1076.2mm x 78mm | 98.2" x 42.4" x 3.1" Touch: 2504.0mm x 1096.6mm x 78.9mm | 98.6"" x 43.2"" x 3.1"
Installed Depth with Included Wall Mount	94.9mm | 3.7"		
Orientation	Landscape/Portrait		
Bezel Width	Non-touch: 20mm | 0.8"; Touch: 2.5mm | 0.1"		
Display Edge to Active Area	Non-touch: 21.5mm | 0.8""; Touch: 25.8mm | 1.0"" top, left and right and 34.9mm | 1.4"" bottom		
Weight	Non-touch: 46kg | 101.4 lbs Touch: 61.5kg | 135.6 lbs"	Non-touch: 60kg | 132.3 lbs Touch: 84kg | 185.2 lbs"	Non-touch: 70kg | 154.3 lbs Touch: 98.5kg | 217.2 lbs"
Audio Output	Audio Line Out, SPDIF		
Speakers	12W x 4 built-in, 20W x1 woofer		
Enclosure	Metal		
Mounting	Wall mount included. VESA: 1000mm x 400mm	Wall mount included. VESA: 1200mm x 400mm	Wall mount included. VESA: 1400mm x 500mm
Power Consumption (typ)	200W (standby: <0.5W)	250W (standby: <0.5W)	280W (standby: <0.5W)
Operating Temperature	0° to +40°C | 32° to 104°F		
Options / Features	On/Off scheduling, presets, internal storage, wall mount with hardware		
Operating System	Proprietary OS based on Android 14.0. Google Play and installation of third-party apps are not supported by Planar		
Storage	128GB (117GB available)		
Multi-Source Views	PiP/PBP (4 windows)		
Approvals	FCC Class B, CE, cTUVus, RoHS		
ENERGY STAR® Certified	Yes		
TAA Compliance	TAA and Non-TAA models available		
Cybersecurity	EN 303 645 certified Signed and encrypted firmware, ability to disable communication interfaces, Secure Shell (SSH) protocol		
Warranty	3 years Advance Exchange		
Recommended Usage	Up to 24x7		

PLANAR

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