



# 4K LCD

## Signage Displays

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43" | 50" | 55" | 65" | 75" | 86"

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Capture attention and drive engagement with a versatile family of commercial 4K resolution LCD displays built for performance and flexibility. Available in six sizes from 43" to 86", the displays feature slim symmetrical bezels and stunning 4K clarity with 700 nits of brightness, ensuring vivid, impactful visuals in any interior environment.

## Overview

Engineered for future-ready deployments, the displays support dual HDMI 2.0 inputs and an OPS slot for straightforward integration with leading media players. A powerful Android SoC with ample onboard memory enables smooth, reliable playback of even the most demanding content, keeping your signage running flawlessly around the clock.

Designed for 24/7 operation in both portrait and landscape orientations, the displays combine lightweight construction with standard VESA mount compatibility and an ADA-compliant wall mount for quick, straightforward installation. Sleek, powerful, and easy to deploy, it's the display built to elevate your digital signage strategy.

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## Features



### Indoor 4K Brilliance

Deliver crystal-clear visuals with high brightness for challenging indoor light conditions, wide color gamut for vivid imagery, and sleek narrow bezels for a modern look.



### Simple Setup

Designed for hassle-free installation with lightweight construction, standard VESA mount patterns, and an ADA-compliant wall mount.



### Capably Compatible

Easily integrate with a pair of HDMI 2.0 inputs and an OPS slot, and enjoy smooth playback powered by a robust SoC and ample native memory for multiple applications.



	AVB-4310	AVB-5010	AVB-5510	AVB-6510	AVB-7510	AVB-8610
<b>Part Number</b>	ADSP-40040	ADSP-40041	ADSP-40042	ADSP-40043	ADSP-40044	ADSP-40045
<b>Size</b>	43"	50"	55"	65"	75"	86"
<b>Backlight</b>	Direct-lit LED					
<b>Aspect Ratio</b>	16:9					
<b>Resolution</b>	4K (3840 × 2160 px)					
<b>Response Time</b>	6.5ms					
<b>Brightness</b>	700 nit					
<b>Contrast Ratio</b>	4000:1	1200:1	4000:1	4000:1	4000:1	4000:1
<b>Viewing Angle</b>	178° / 178°					
<b>Supported Colors</b>	1.07G (8 Bit + FRC)					
<b>Operation Time</b>	24 hours × 7 days					
<b>Display Orientation</b>	Landscape / Portrait					
<b>Anti-glare Glass</b>	25% Haze					
<b>TOUCH SYSTEM</b>						
<b>Interface</b>	Non-touch					
<b>CPU</b>						
<b>CPU</b>	Cortex A724 + Cortex A534					
<b>GPU</b>	ARM Mali G52 MC3 GPU					
<b>RAM/ROM</b>	8G RAM / 32G ROM					
<b>Android version</b>	Android 14					
<b>CONNECTIVITY</b>						
<b>Inputs</b>	2 x HDMI (2.0), 1 x USB-A 3.0, 1 x USB-B (Service port)					
<b>Outputs</b>	1 x HDMI 2.0 Out (Supports 4K @ 60Hz, 1920 x 1080 @ 60Hz)					
<b>Audio Outputs</b>	1 x S/PDIF Out (Opt), 1 x 3.5mm (Line Out)					
<b>Control</b>	RJ45 LAN (1/100/1000Mbps) + RS232 (DB9 female)					
<b>OPS Slot</b>	Yes (80 Pin)					
<b>WiFi</b>	WiFi 5 2.4/5GHz					
<b>AUDIO</b>						
<b>Built-in Speakers</b>	2 x 10W					
<b>DISPLAY &amp; REMOTE FUNCTIONS</b>						
<b>Auto-Source-Detection</b>	Yes					
<b>Image Settings</b>	Yes					

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<b>PHYSICAL SPECIFICATIONS</b>						
<b>Screen Dimensions (L x H x W)</b>	971 x 559.5 x 70.9mm	1123.4 x 643.9 x 70.5mm	1238.4 x 709.2 x 69.8mm	1456.7 x 831.4 x 68.8mm	1679.0 x 957.0 x 68.8mm	1928.6 x 1099.2 x 69mm
<b>Bezel Dimensions</b>	13mm	T/L/R - 12.2mm Bottom - 12.5mm	12.9mm	12.2mm	12.8mm	13.9mm
<b>Shipping Dimensions (L x H x W)</b>	1075 x 652 x 144mm	1250 x 760 x 144mm	1390 x 830 x 144mm	1640 x 990 x 164mm	1840 x 1112 x 177mm	2100 x 1250 x 230mm
<b>Weight (Net)</b>	8.85kg	11.25kg	13.85kg	19.7kg	29.7kg	46.9kg
<b>Weight (Gross)</b>	11.5kg	14.8kg	18.5kg	27.4kg	39.1kg	61.6kg
<b>Wall Mount (VESA)</b>	300 x 300mm M6 x 18mm	400 x 300mm M6 x 18mm	400 x 400mm M6 x 18mm	500 x 500mm M8 x 16mm	500 x 500mm M8 x 16mm	700 x 500mm M8 x 16mm
<b>POWER</b>						
<b>Typical Power (with OPS)</b>	175W	185W	190W	235W	255W	300W
<b>Typical Power (without OPS)</b>	125W	135W	140W	185W	205W	250W
<b>Max Power (with OPS)</b>	255W	290W	295W	380W	430W	500W
<b>Max Power (without OPS)</b>	175W	210W	215W	300W	350W	420W
<b>ENVIRONMENTAL</b>						
<b>Operating Temperature</b>	0 °C - 40°C					
<b>Storage Temperature</b>	-20 °C - 55°C					
<b>Humidity</b>	20% - 80%					
<b>WHAT COMES IN THE BOX</b>						
<b>Contents</b>	Remote Controller, Batteries, Quickstart Guide, AC Power cord, HDMI cable (3m), Wall Mount Bracket					
<b>WARRANTY</b>						
<b>Warranty</b>	3-Year Standard Warranty					