



## AVOCOR B SERIES

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



### OVERVIEW

Capture attention and drive engagement with the Avocor B Series, a versatile family of business signage displays built for performance and flexibility.

Available in sizes from 43" to 86", each display features slim, symmetrical bezels and delivers stunning 4K clarity with 700 nits of brightness, ensuring vivid, impactful visuals in any interior environment.

Engineered for future-ready deployments, the B Series displays support dual HDMI 2.0 inputs and an OPS slot for seamless 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 B Series 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.

### SOLUTION HIGHLIGHTS



#### Brilliant 4K Performance In Any Interior Environment

Deliver crystal-clear visuals with high brightness for challenging indoor light conditions, wide color gamut ( $\geq 90\%$  DCI-P3) for vivid imagery, and sleek narrow bezels for a modern, symmetrical display in either portrait or landscape orientation.



#### Flexible, Future-Ready Design

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.



#### Simple, Smart, And Easy To Deploy

Designed for hassle-free installation with lightweight construction, standard VESA mount patterns, and an ADA-compliant wall mount. Get up and running quickly with Avocor FUSE remote device management software.

### Buy It With

Upgrade your solution with: [www.avocor.com](http://www.avocor.com)



5 Year Warranty



OPS PC



Avocor Mobile Stand

# SPECIFICATIONS

| DISPLAY                         |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
|---------------------------------|---|-----------------|----------|------------------|----------|-----------------|----------|-----------------|----------|-----------------|----------|-----------------|
| Part Number                     | AVB-4310  | AVB-4310        | AVB-5010 | AVB-5010         | AVB-5510 | AVB-5510        | AVB-6510 | AVB-6510        | AVB-7510 | AVB-7510        | AVB-8610 | AVB-8610        |
| Size                            | AVB-4310  | 43"             | AVB-5010 | 50"              | AVB-5510 | 55"             | AVB-6510 | 65"             | AVB-7510 | 75"             | AVB-8610 | 86"             |
| Backlight                       | Direct-lit LED  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Aspect Ratio                    | 16:9  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Resolution                      | 3840 x 2160 @ 60Hz  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Response Time                   | 6.5ms   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Brightness                      | 700nit  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Contrast Ratio                  | AVB-4310  | 4000:1          | AVB-5010 | 1200:1           | AVB-5510 | 4000:1          | AVB-6510 | 4000:1          | AVB-7510 | 4000:1          | AVB-8610 | 4000:1          |
| Viewing Angel                   | 178° / 178°   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Supported Colors                | 1.07G (8 Bit+FRC)   ≥90% DCI-P3 / 85% NTSC Color Accuracy |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Operation Time                  | 7 days x 24 hours   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Display Orientation             | Landscape / Portrait                                      |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Anti-glare Glass                | 25% Haze  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| TOUCH SYSTEM                    |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Interface                       | Non-touch   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| CPU                             |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| CPU                             | Cortex A72 x 4 + Cortex A53 x 4                           |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| GPU                             | ARM Mali G52 MC3 GPU                                      |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| RAM/ROM                         | 8G RAM / 32G ROM  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Android Version                 | Android 14  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| CONNECTIVITY                    |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Inputs                          | 2 x HDMI (2.0), 1 x USB-A 3.0, 1 x USB-B (Service port)   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Outputs                         | 1 x HDMI 2.0 Out (Supports 4K @ 60Hz, 1920 x 1080 @ 60Hz) |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Audio                           | 1 x S/PDIF Out (Opt), 1 x 3.5mm (Line Out)                |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Control                         | RJ45 LAN (1/100/1000Mbps) + RS-232 (DB9 female)           |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| OPS Slot                        | Yes (80 Pin)  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| WiFi                            | WiFi 5 2.4/5GHz   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| AUDIO                           |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Built-in Speakers               | 2 x 10W   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| DISPLAY & REMOTE FUNCTIONS      |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Auto-Source Detection           | Yes   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Image Settings                  | Yes   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| PHYSICAL SPECIFICATIONS         |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Product Dimension (L x W x H)   | AVB-4310  | 971 x 559.5 ... | AVB-5010 | 1123.4 x 643...  | AVB-5510 | 1238.4 x 709... | AVB-6510 | 1456.7 x 831... | AVB-7510 | 1679.0 x 957... | AVB-8610 | 1928.6 x...     |
| Bezel Dimensions                | AVB-4310  | 13mm            | AVB-5010 | T/L/R - 12.2m... | AVB-5510 | 12.9m m         | AVB-6510 | 12.2m m         | AVB-7510 | 12.8m m         | AVB-8610 | 13.9m m         |
| Shipping Dimensions (L x W x H) | AVB-4310  | 1075 x 652 x... | AVB-5010 | 1250 x 760 x...  | AVB-5510 | 1390 x 830 x... | AVB-6510 | 1640 x 990 x... | AVB-7510 | 1840 x 1112 ... | AVB-8610 | 2100 x 1250 ... |
| Weight (Net)                    | AVB-4310  | 8.85KG          | AVB-5010 | 11.25K G         | AVB-5510 | 13.85K G        | AVB-6510 | 19.7KG          | AVB-7510 | 29.7KG          | AVB-8610 | 46.9KG          |
| Weight (Gross)                  | AVB-4310  | 11.5KG          | AVB-5010 | 14.8KG           | AVB-5510 | 18.5KG          | AVB-6510 | 27.4KG          | AVB-7510 | 39.1KG          | AVB-8610 | 61.6KG          |
| Wall Mount (VESA)               | AVB-4310  | 300 x 300m...   | AVB-5010 | 400 x 300m...    | AVB-5510 | 400 x 400m...   | AVB-6510 | 500 x 500m...   | AVB-7510 | 500 x 500m...   | AVB-8610 | 700 x 500m...   |
| POWER                           |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Typical Power (with OPS)        | AVB-4310  | 175W            | AVB-5010 | 185W             | AVB-5510 | 190W            | AVB-6510 | 235W            | AVB-7510 | 255W            | AVB-8610 | 300W            |
| Typical Power (without OPS)     | AVB-4310  | 125W            | AVB-5010 | 135W             | AVB-5510 | 140W            | AVB-6510 | 185W            | AVB-7510 | 205W            | AVB-8610 | 250W            |
| Max Power (with OPS)            | AVB-4310  | 255W            | AVB-5010 | 290W             | AVB-5510 | 295W            | AVB-6510 | 380W            | AVB-7510 | 430W            | AVB-8610 | 500W            |
| Max Power (without OPS)         | AVB-4310  | 175W            | AVB-5010 | 210W             | AVB-5510 | 215W            | AVB-6510 | 300W            | AVB-7510 | 350W            | AVB-8610 | 420W            |
| ENVIRONMENTAL                   |   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Operating Temperature           | 0°C - 40°C  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Storage Temperature             | -20°C - 55°C  |                 |          |                  |          |                 |          |                 |          |                 |          |                 |
| Humidity                        | 20% - 80%   |                 |          |                  |          |                 |          |                 |          |                 |          |                 |

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