

# VA2037a-LED

Eco-Friendly High Image Quality

20" LED Display



## Overview

ViewSonic's 20" LED display, the VA2037a-LED, is a professional monitor tailored for government and corporate applications, featuring a 16:9 wide screen, enabling multitasking for increased efficiency. 10,000,000:1 ultrahigh dynamic contrast ratio and 5ms response time on the VA2037a-LED boosts contrast between darker and brighter elements, as well as image response time, delivering refined image quality and no image blur. The LED display is Energy Star® certified, delivering vivid images with sophisticated details and high color saturation, while consuming less power than conventional monitors. ViewSonic's exclusive Eco Mode reduces power consumption by basing display output on the current lighting environment, minimizing maintenance and costs for a more eco-friendly environment. The VA2037a-LED is the best choice for an eco-friendly solution for office applications to increase performance via big screen and outstanding display quality.

## Features

### 10,000,000 : 1 dynamic contrast ratio 5ms ultrafast response time

Dynamic contrast ratio allows darker blacks and higher dynamic contrast. An additional benefit from the dynamic contrast ratio feature is a significant reduction of light leakage on darker screens, especially when viewed from the side. With intelligent modulation of backlighting, it's easy to experience deeper black levels in darker scenes in movies or video games; enhancing images and screen performance.



Normal



Dynamic Contrast Ratio

### Reviving color with sRGB color correction technology

Accurate and consistent color performance is essential for professionals in graphic design, video editing, and other professional environments. With built-in sRGB color correction technologies, the VA2037a-LED reproduces 100% sRGB rich color performance and captures images in their original and true colors.



### Planet-friendly mercury-free LED backlighting

LED backlighting enhances display performance, delivers an outstanding color range, and adjusts contrast ratios for remarkably detailed images. The LED backlighting further conserves up to 25% more energy compared to conventional displays, to allow a slimmer profile and a most pleasing entertainment experience.

### Eco Mode conserves more energy

ViewSonic's proprietary Eco Mode function is built into all LED displays, offering "Optimize (75%)" or "Conserve (50%)" options. Both modes reduce display brightness and conserve up to 40% energy. Especially in low ambient light, Eco Mode adjusts brightness and improves visibility while reducing eye fatigue and prolonging display lamp life. With Eco Mode, lamp replacement costs are reduced while practicing eco-friendliness.



For more product information, visit us at [www.viewsoniceurope.com](http://www.viewsoniceurope.com)

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**ViewSonic** See the difference™



**VESA® wall mount compliant and Kensington® security lock**

Designed to be the most robust yet easy to use features, the Kensington® security lock and flexible display methods with patented VESA® wall mount for the VA2037a-LED, serve as functions perfect for your office or home settings.



**Technical Specifications**

|                      |   |  |
|----------------------|---|--|
| <b>LCD</b>           | Contrast Ratio  | 1000:1   |
|                      | Viewing Angles  | 170° / 160°  |
|                      | Display Area  | 19.5" / 49.5cm Wide  |
|                      | Optimum Resolution  | 1600 x 900   |
|                      | Response Time   | 5 ms   |
|                      | Panel Surface   | Anti-Glare Type, 3H Hardness                               |
|                      | Pixel Clock   | 0.27 mm x 0.27mm   |
|                      | Brightness  | 250 cd / m <sup>2</sup>                                    |
|                      | Dynamic Contrast Ratio  | 10,000,000:1   |
|                      | Backlight   | White-light LED  |
|                      | Backlight Life  | 40,000 Hrs (Min.)  |
| <b>COMPATIBILITY</b> | PC  | VGA up to 1600 x 900 (non interlaced)                      |
|                      | Mac®  | Power MAC (support to 1160 x 900)                          |
| <b>DIMENSIONS</b>    | Physical With Stand   | 472.8 x 355.7 x 179.79(mm)<br>18.61" x 14.0" x 7.08"(inch) |
|                      | Physical Without Stand  | 472.8 x 297.2 x 50.9(mm)<br>18.61" x 11.7" x 2.0"(inch)    |
|                      | <b>REGULATIONS</b>  |  |
|                      | CB, WEEE, RoHS, Vista Premium, XP , Windows 7, UL, cUL, FCC-B, TUV-S, NOM, Energy Star 5.0, CE GOST-R+Hygienic, SASO, Ukraine, CCC, CEL, BSMI, PSB, C-TICK, KC, e-Standby |  |
| <b>INPUT</b>         | Sync  | Separate Sync  |
|                      | Analogue  | RGB Analog (75Ω, 0.7 / 1.0 Vp-p)                           |
|                      | Digital   | NA   |
|                      | Frequency   | Fh = 24 ~ 82 kHz ; Fv = 50 ~ 75 Hz                         |
| <b>CONNECTOR</b>     | Analogue  | D-sub*1  |
|                      | Power   | Internal power board, 3-pin plug (CEE22) *1                |
|                      | Audio   | 3.5 mm mini phone jack audio in *1                         |
|                      | Speaker   | NA   |
| <b>POWER</b>         | Voltage   | AC 100 - 240V (Universal); 50 / 60 Hz                      |
|                      | Consumption   | 18W (typ.)   |
|                      | Optimize  | 16W (typ.)   |
|                      | Conserve  | 12W (typ.)   |
| <b>VESA® MOUNT</b>   | 100mm x 100mm   |  |
| <b>ERGONOMICS</b>    | Tilt  | 20° ~ -5°  |
| <b>WEIGHT</b>        | Net With Stand  | lbs (Kg)   |

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|                             | Net Without Stand | lbs (Kg)                        |
|-----------------------------|-------------------|---------------------------------|
| <b>OPERATING CONDITIONS</b> |                   |                                 |
|                             | Humidity          | 10% to 90% (No condensation)    |
|                             | Temperature       | 32° F to 104° F (0° C to 40° C) |

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