

LG 20U401A-B

LG Essential 19.5" WSXGA HDMI+VGA TN Monitor

Product Overview

LG Essential 19.5" WSXGA TN Monitor, 19.5-inch TN panel; 1600 x 900 HD resolution; 75Hz refresh rate; 2ms response time; HDMI and VGA ports; Flicker Safe technology; VESA 75 x 75 mm mount; 250 cd/m2 brightness; 600:1 contrast ratio; NTSC 72% color gamut; 8-bit color depth; 90deg/65deg viewing angle; 2.25 kg weight; 463.8 x 364.6 x 190 mm dimensions



Specifications

Overview Summary

The LG 20U401A-B.AFB is a 19.5-inch LED monitor designed for everyday computing needs. Featuring a TN panel with a 1600 x 900 HD resolution, it delivers clear visuals suitable for office tasks, web browsing, and multimedia consumption. The monitor's 75Hz refresh rate and 2ms response time ensure smooth performance for casual gaming and video playback.

Performance tier:Entry-level

Uses:Office work, web browsing, multimedia consumption, casual gaming

Quick Specifications:

- Screen size: 20 inches (19.5-inch TN panel)
- Flat or curve: Flat
- Panel type: TN
- Aspect ratio: 16:9
- Resolution: HD 1600 x 900
- Refresh rate: 75 Hz
- Brightness (nits): 250 cd/m²
- Contrast ratio: 600:1 (typical)
- View angle (degrees): 90degrees horizontal / 65degrees vertical
- Response time (ms): 2 ms
- Video ports: 1 x HDMI, 1 x VGA (D-Sub)
- VESA: 75 x 75 mm

Strong reasons to buy

- Compact 19.5-inch HD screen delivers clear visuals for office, web, and multimedia tasks
- 2ms response time and 75Hz refresh rate ensure smooth performance for casual gaming and video playback
- Flicker Safe and Reader Mode reduce eye strain during long sessions
- Color Weakness Mode helps differentiate colors for charts and data visualization
- Dynamic Action Sync and Black Stabilizer enhance visual clarity for casual gaming
- Flexible connectivity with HDMI and VGA ports for easy device setup
- Tilt-adjustable stand and VESA 75 x 75 mm wall-mountable design for ergonomic installation
- Energy-efficient external power supply with low standby consumption

Description

The LG 20U401A-B.AFB is a compact 19.5-inch monitor that combines functionality with a sleek design. Its TN panel offers a 1600 x 900 HD resolution, delivering clear visuals for everyday tasks. The 75Hz refresh rate and 2ms response time ensure smooth performance for casual gaming and video playback. Equipped with HDMI and VGA ports, it provides versatile connectivity options. The monitor also features Flicker Safe technology to reduce eye strain during extended use.

Features

- 19,5" WSXGA (1600x900) TN Panel
- 75Hz Refresh Rate
- 250 Brightness [cd/m²]

ComX Computers

Product Specification Sheet

- Super Resolution
- 1x D-Sub/VGA; 1x HDMI port
- Tilt Functionality

Visual comfort

LG HD (1600x900) monitor provides a comfortable working environment for a long time with Flicker Safe, which reduces invisible flickering on the screen.

Flicker Safe

Flicker Safe reduces invisible flickering on the screen, providing a comfortable view.

Reader Mode

Reader Mode adjusts color temperature and luminance, supporting a suitable viewing experience for reading on a monitor.

Color Weakness Mode

Color Weakness Mode adjusts the color palette and contrast, allowing it easy to differentiate between red and green. This is particularly helpful in graphs or comparative data, where users have difficulty distinguishing color differences.

Switch swiftly

LG Switch app helps to optimize the monitor to your work and life. You can readily divide the whole display up to 6, change the theme design, or even launch a video call platform with a mapped hotkey.

Easy and comfy

A stand with adjustable tilt enables a comfortable working environment, helping you sit comfortably for extended periods while working. Moreover, utilizing the Wall Mount feature allows for easy installation of the monitor on the wall.

Dynamic Action Sync

Reducing input lag with Dynamic Action Sync, gamers can catch critical moments in real time and respond quickly.

Black Stabilizer

Black Stabilizer helps gamers detect snipers lurking in the darkest corners and swiftly navigate flash explosions.

Crosshair

The target point is fixed in the center to enhance shooting accuracy.

What's in the Box

- LG 20U401A-B.AFB Monitor
- Power Cable
- HDMI Cable
- VGA Cable
- Quick Start Guide
- Warranty Card

Specifications

DISPLAY	
Size [Inch]	19.5
Aspect Ratio	16::9
Panel Type	TN
Surface Treatment	Anti-Glare

ComX Computers

Product Specification Sheet

Response Time	2ms (GtG at Faster)
Resolution	1600 x 900
Pixel Pitch [mm]	0.2700 x 0.2664
Color Depth (Number of Colors)	16.7M
Viewing Angle (CR>=10)	90°(R/L), 65°(U/D)
Brightness (Typ.) [cd/m²]	250
Contrast Ratio (Typ.)	600::1
Color Gamut (Typ.)	NTSC 72% (CIE1931)
Refresh Rate (Max.) [Hz]	75
Brightness (Min.) [cd/m²]	200
Contrast Ratio (Min.)	500::1
Color Bit	8bit (6bit FRC)
Size [cm]	49.4
CONNECTIVITY	
D-Sub	YES(1ea)
HDMI	YES(1ea)
D-Sub (Max. Resolution at Hz)	1600 x 900 at 60Hz
Headphone out	3-pole (Sound Only)
FEATURES	
Color Weakness	YES
Smart Energy Saving	YES
Flicker Safe	YES
Dynamic Action Sync	YES
Black Stabilizer	YES
Crosshair	YES
Reader Mode	YES
Super Resolution	YES
MECHANICAL	
Display Position Adjustments	Tilt
Borderless Design	Normal
Wall Mountable [mm]	75 x 75
DIMENSIONS/WEIGHTS	
Dimension in Shipping (W x H x D) [mm]	589 x 133 x 352
Dimension with Stand (W x H x D) [mm]	463.8 x 364.6x 190
Dimension without Stand (W x H x D) [mm]	463.8 x 276.4 x 38.4

ComX Computers

Product Specification Sheet

Weight in Shipping [kg]	3.25
Weight with Stand [kg]	2.25
Weight without Stand [kg]	1.9
INFO	
Product name	PC Monitor
Year	Y24
POWER	
Power Consumption (Sleep Mode)	Less than 0.3W
Power Consumption (DC Off)	Less than 0.3W
AC Input	100~240V (50/60Hz)
Type	External Power(Adapter)
DC Output	16W (19V, 0.84A)
ACCESSORY	
D-Sub	Depend on Country
HDMI	Depend on Country
HDMI (Color/Length)	Black / 1.5m
Others (Accessory)	User screw (2ea)
Power Cord	Depend on Country
STANDARD	
UL (cUL)	YES
CE	YES

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/LG-20U401A-B-LG-Essential-19-5-WSXGA-HDMI-VGA-TN-Monitor-Buy-p-327638.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx.co.za/terms-of-sale.php>

PDF generated: 2026-10-19 14:40:09.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.