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GIGABYTE AORUS FO32U2P SA

GIGABYTE AORUS FO32U2 Pro 32-inch QD OLED Gaming Monitor User Manual

Model: AORUS FO32U2P SA

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your GIGABYTE AORUS FO32U2 Pro 32-inch QD OLED Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

Front view of the GIGABYTE AORUS FO32U2 Pro 32-inch QD OLED Gaming Monitor, showcasing its sleek design and vibrant

display.

2. Safety Information

- Always disconnect the power cord from the electrical outlet before cleaning the monitor.
- Do not expose the monitor to rain or moisture to avoid fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor to prevent overheating.

3. Package Contents

Verify that all items are present in the package:

- GIGABYTE AORUS FO32U2 Pro Monitor
- Power cables
- HDMI 2.1 cable
- DisplayPort 2.1 cable (VESA DP80 certified)
- USB cable (for upstream connection)
- Quick Start Guide (QSG)
- Warranty card
- Color calibration test report

4. Setup

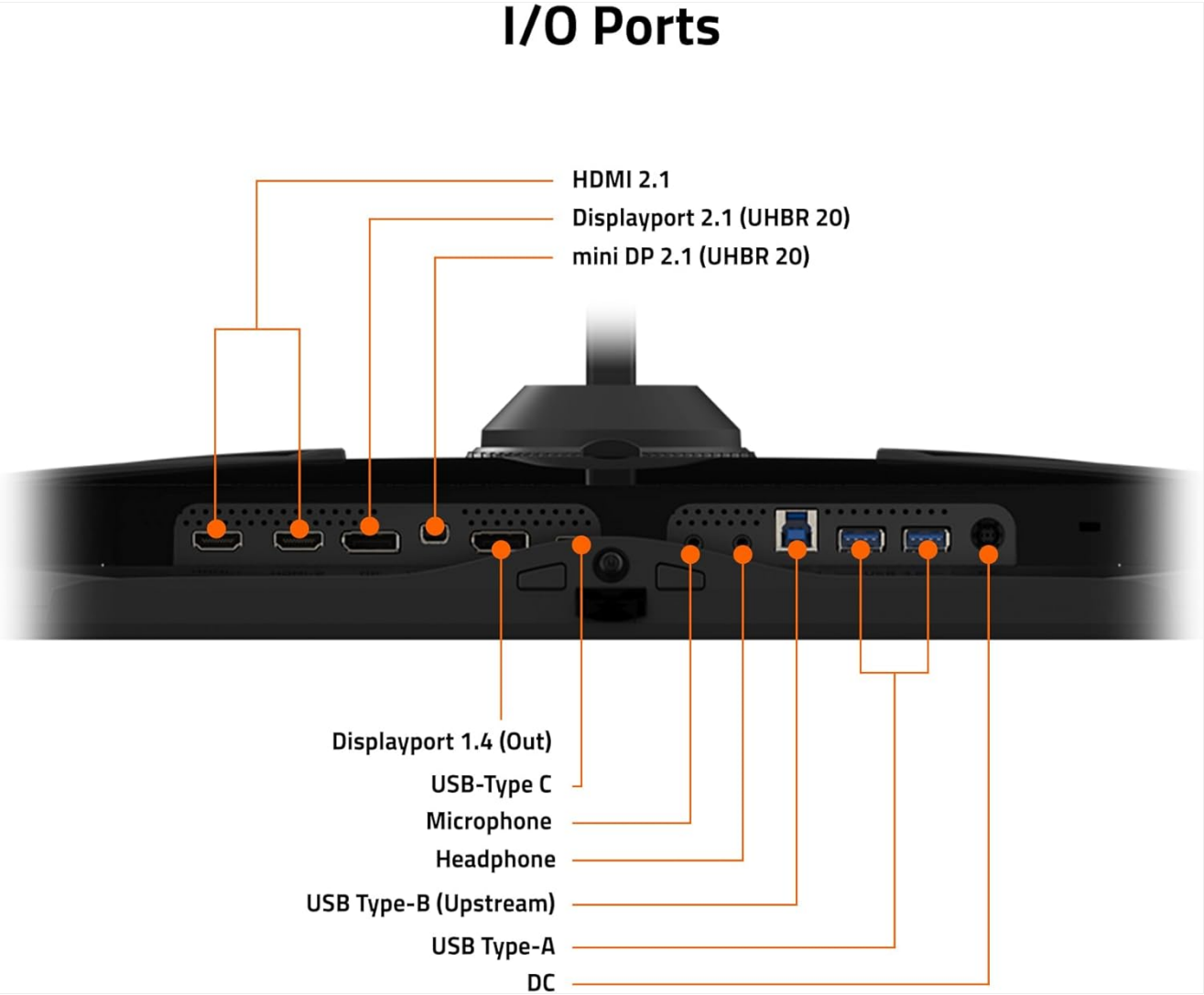
4.1 Monitor Assembly

Attach the stand base to the stand neck, then secure the assembled stand to the monitor panel. Ensure all screws are tightened appropriately. The monitor features an adjustable stand for ergonomic positioning and is VESA wall mount compatible (100x100mm) for alternative mounting solutions.

Illustration of the monitor's adjustable stand, showing tilt and height adjustments, and VESA 100x100mm mounting points.

4.2 Connecting Your Monitor

Connect the appropriate cables from your computer or other devices to the monitor's input ports. Ensure the power cable is securely connected to both the monitor and a power outlet.



Detailed diagram of the monitor's I/O ports, including HDMI 2.1, DisplayPort 2.1 (UHBR 20), mini DP 2.1 (UHBR 20), USB Type-C, USB 3.2 Downstream, USB 3.2 Upstream, Earphone Jack, and Microphone Jack.

- **HDMI Connection:** Use an HDMI 2.1 cable to connect to devices supporting HDMI output.
- **DisplayPort Connection:** Use a DisplayPort 2.1 cable for optimal performance with compatible graphics cards.
- **USB Type-C Connection:** Connect compatible devices for video, data, and power delivery.
- **USB Upstream:** Connect the provided USB cable from your computer to the monitor's USB 3.2 Upstream port to enable the monitor's USB downstream ports and KVM functionality.
- **Audio:** Connect headphones or external speakers to the Earphone Jack.

5. Operating Instructions

5.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

5.2 On-Screen Display (OSD) Menu

Access the OSD menu using the joystick or buttons on the monitor to adjust various settings such as brightness, contrast, color modes, input source, and advanced gaming features.

5.3 High Refresh Rate and Response Time

The AORUS FO32U2 Pro features a 240Hz refresh rate and 0.03ms GTG response time, providing smooth and responsive visuals. Ensure your graphics card and system settings are configured to utilize these capabilities for optimal performance.

Visual comparison illustrating the difference in motion clarity between 0.03ms at 240Hz and 5ms at 60Hz.

5.4 Type-C KVM Functionality

The integrated KVM (Keyboard, Video, Mouse) switch allows you to control multiple devices (e.g., a desktop PC and a laptop) connected to the monitor using a single set of keyboard and mouse. Connect your keyboard and mouse to the monitor's USB downstream ports, and connect your devices via USB Type-C and other video inputs. Switch between devices with a dedicated button.

Illustration demonstrating how the Type-C KVM feature allows switching between a desktop PC and a laptop using one keyboard and mouse connected to the monitor.

5.5 AMD FreeSync Premium Pro

This monitor supports AMD FreeSync Premium Pro technology, which synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering, providing a smoother gaming experience. Ensure your graphics card drivers are up to date and FreeSync is enabled in both your GPU control panel and the monitor's OSD.

5.6 Resolution Switch

A dedicated physical button enables quick switching to a preferred 24.5-inch resolution for specific gaming needs, optimizing performance for certain titles or competitive play.

Image showing the monitor's resolution switch feature, allowing users to quickly change to a 24-inch display area for optimized gaming.

6. Maintenance

6.1 Cleaning the Monitor

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of water or a mild, non-abrasive screen cleaner. Avoid using alcohol-based cleaners or harsh chemicals. To clean the casing, use a soft, dry cloth.

6.2 OLED Care Features

The monitor includes AI-based OLED Care features designed to protect the QD-OLED panel and prevent image retention (burn-in). These features operate automatically or can be configured via the OSD menu. It is recommended to allow these features to run as intended for optimal panel longevity.

7. Troubleshooting

- **No Power:** Ensure the power cable is securely connected to both the monitor and a working electrical outlet. Check the power indicator light.
- **No Signal:** Verify that the video cable (HDMI, DisplayPort, or USB-C) is correctly connected to both the monitor and your source device. Select the correct input source via the OSD menu.
- **Display Issues (Flickering, Distorted Image):** Check cable connections. Ensure your graphics card drivers are up to date. Adjust resolution and refresh rate settings in your operating system.
- **KVM Not Working:** Ensure the USB upstream cable is connected from the monitor to your computer. Verify that your keyboard and mouse are connected to the monitor's USB downstream ports.
- **Poor Color Accuracy:** Perform a factory reset via the OSD menu. Ensure the monitor is in an appropriate color mode.

8. Specifications

Feature	Specification
Screen Size	32 Inches
Panel Type	QD OLED
Resolution	3840x2160 (UHD)
Refresh Rate	240Hz
Response Time (GTG)	0.03ms
Color Accuracy	99% DCI-P3, 10bit
HDR Support	VESA DisplayHDR True Black 400
Adaptive Sync	AMD FreeSync Premium Pro
Connectivity	2x HDMI 2.1, 1x DisplayPort 2.1 (UHBR 20), 1x mini DP 2.1 (UHBR 20), 1x USB Type-C, 2x USB 3.2 Downstream, 1x USB 3.2 Upstream, 1x Earphone Jack, 1x Microphone Jack
KVM Function	Yes
VESA Mount Compatibility	100x100mm
Product Dimensions (LxWxH)	9.73 x 28.28 x 24.16 inches
Item Weight	18.8 pounds

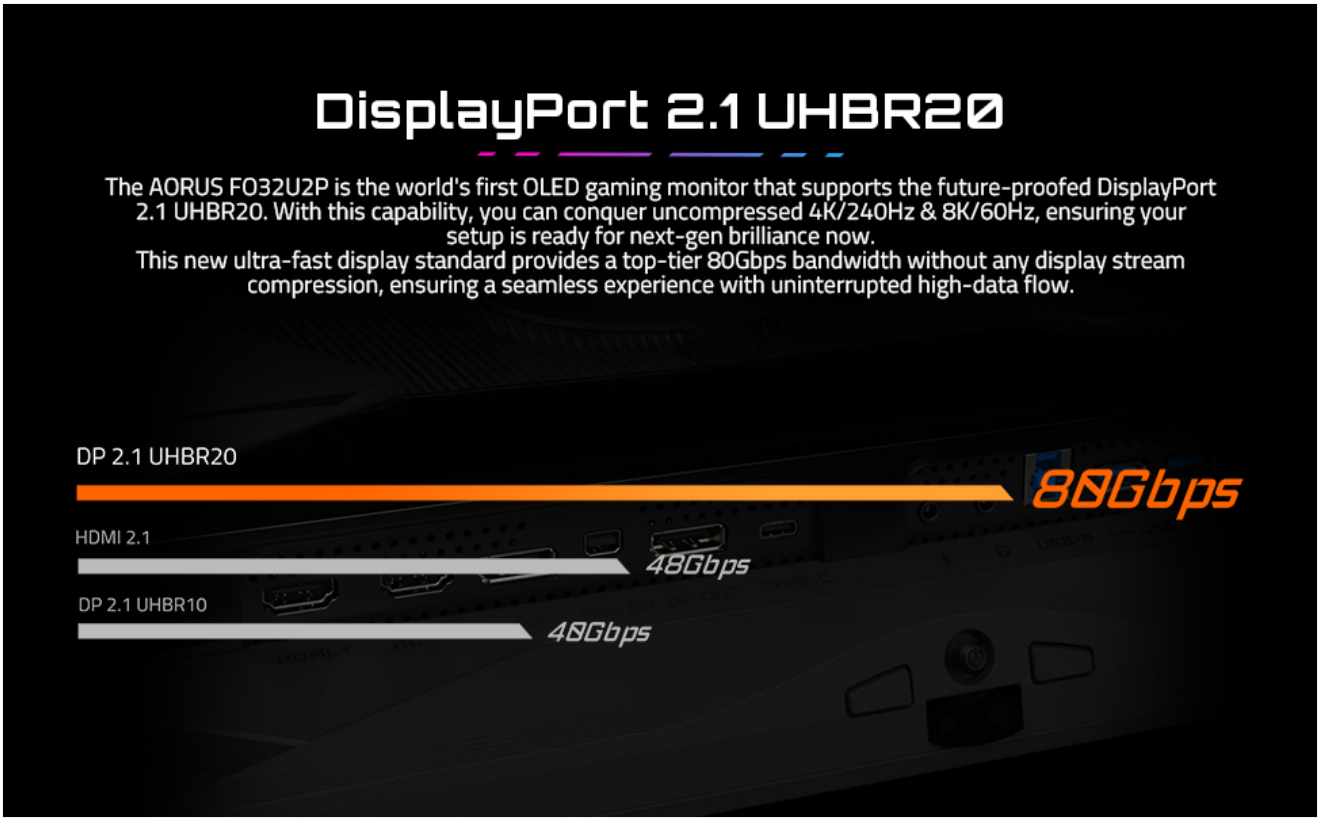


Diagram illustrating the 80Gbps bandwidth of DisplayPort 2.1 UHBR20 compared to HDMI 2.1 and DisplayPort 2.1 UHBR10.

9. Warranty and Support

The GIGABYTE AORUS FO32U2 Pro monitor comes with a**3-year warranty**, which includes coverage for panel burn-in, ensuring peace of mind for users. For technical support, warranty claims, or further assistance, please visit the official GIGABYTE support website or contact their customer service.

Image highlighting the 3-year warranty provided by GIGABYTE for the monitor, including OLED Care protection.

You can find more information and support resources on theGIGABYTE Brand Store.