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BenQ PD3226G

BenQ PD3226G 32-inch 4K UHD 144Hz Designer Monitor User Manual

1. INTRODUCTION

This user manual provides detailed instructions for the safe and efficient use of your BenQ PD3226G 32-inch 4K UHD 144Hz Designer Monitor. Please read this manual thoroughly before operating the device and retain it for future reference. Adhering to these instructions will ensure optimal performance and longevity of your monitor.

2. PRODUCT OVERVIEW

The BenQ PD3226G is a 32-inch 4K UHD (3840x2160) monitor designed for professionals requiring high color accuracy and smooth performance. Key features include:

- **4K, 144Hz Display:** Enjoy motion clarity and accurate colors with 4K resolution and a 144Hz refresh rate.
- **Accurate & Consistent Colors:** Features 95% P3, 100% sRGB/Rec.709 color spaces, and factory-calibrated Delta E ≤ 2 for visual fidelity.
- **Reliable Color Management:** Supports effortless calibration with BenQ Palette Master Ultimate's intuitive menus, ensuring compliance with international standards.
- **All-in-One Thunderbolt 4:** Seamlessly delivers up to 90W power, 40Gbps data transfers, and supports two 4K or one 8K display when used with Thunderbolt 4 certified cables.
- **Nano Matte Panel:** Diffuses ambient light, enhancing eye comfort during extended design sessions with its TÜV certified reflection-free feature.
- **Built-in KVM:** Control two systems with one keyboard and mouse, with easy switching via the wireless Hotkey Puck for enhanced efficiency.



Figure 2.1: Front view of the BenQ PD3226G monitor highlighting key features like 4K UHD, 144Hz, Thunderbolt 4, and Software Calibration.

3. SETUP

3.1. Unboxing and Assembly

Carefully remove the monitor and its components from the packaging. Ensure all parts are present before proceeding with assembly.



Figure 3.1: Rear view of the BenQ PD3226G monitor, showing the stand attachment point.

1. **Attach the Stand:** Securely attach the monitor stand to the back of the display panel. Ensure it clicks into place or is fastened according to the quick-release mechanism.
2. **Position the Monitor:** Place the assembled monitor on a stable, flat surface.
3. **VESA Mounting (Optional):** For alternative mounting solutions, the monitor supports VESA 100x100mm mounting. Remove the stand and attach a compatible VESA mount.

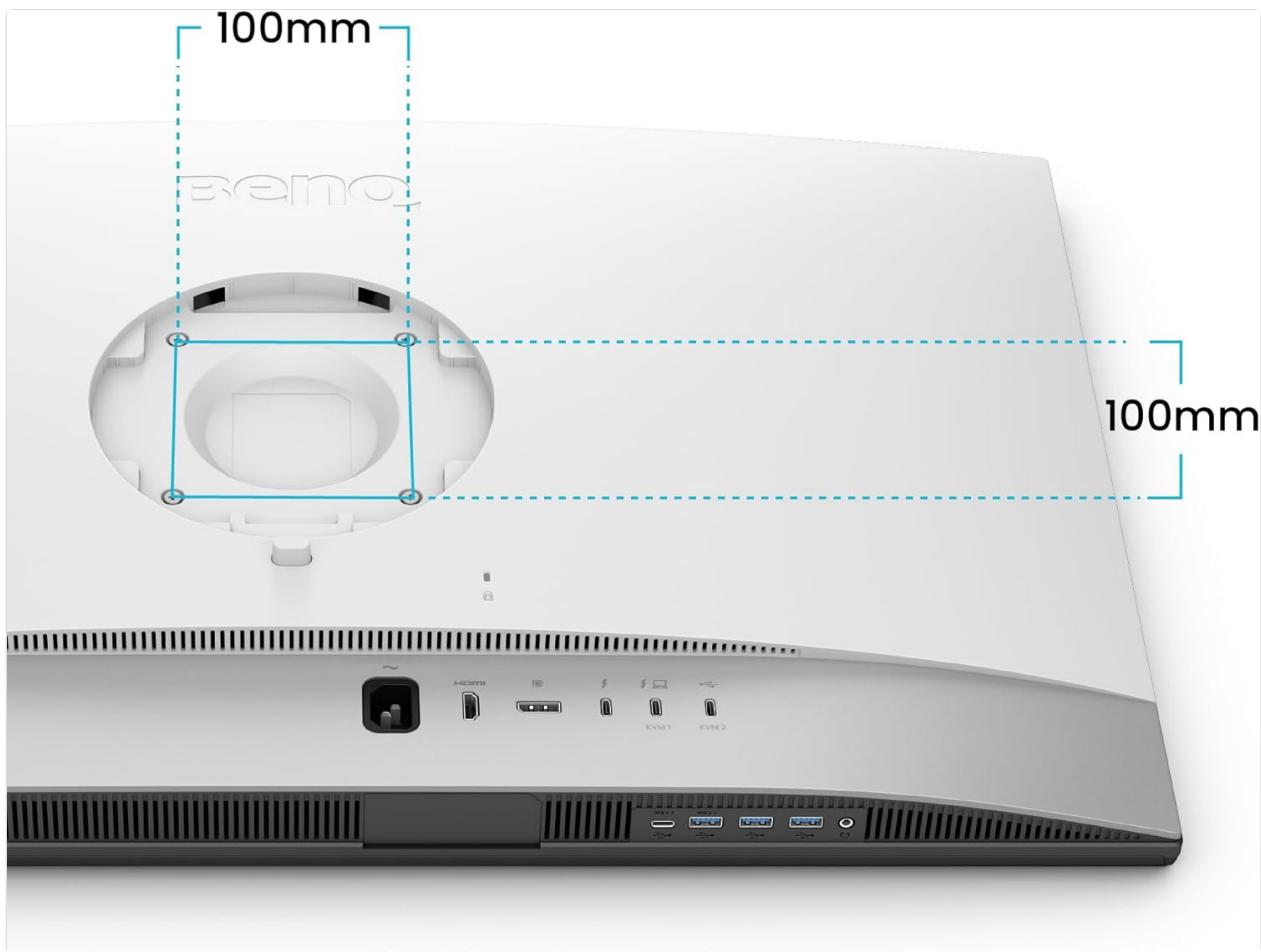


Figure 3.2: The VESA 100x100mm mounting points on the rear of the BenQ PD3226G monitor.

3.2. Connecting to Your Devices

The BenQ PD3226G offers a variety of input ports for versatile connectivity.

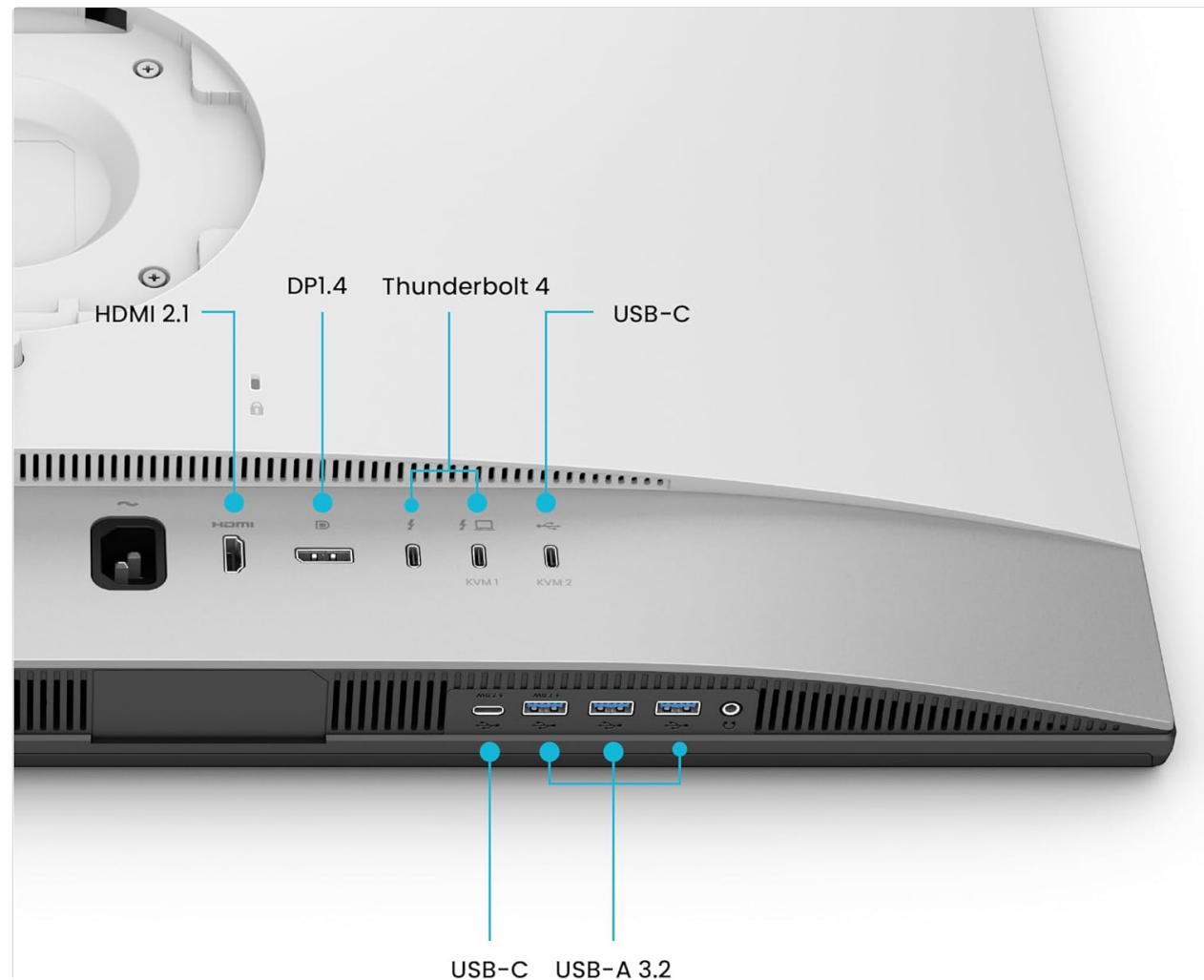


Figure 3.3: Close-up of the BenQ PD3226G monitor's rear ports, including HDMI, DisplayPort, Thunderbolt 4, and USB-C/USB-A ports.

- **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Inputs:**
 - **Thunderbolt 4:** Use a Thunderbolt 4 certified cable to connect your computer for video, data, and up to 90W power delivery. This port also supports daisy-chaining to another compatible monitor.
 - **HDMI 2.1:** Connect devices using an HDMI cable for high-resolution video and audio.
 - **DisplayPort 1.4:** Connect devices using a DisplayPort cable for high-resolution video and audio.
- **USB Ports:** Utilize the USB-C and USB-A 3.2 ports for connecting peripherals such as keyboards, mice, and external storage devices.
- **KVM Functionality:** The monitor features a built-in KVM switch. Connect two computers to the monitor using the appropriate video and USB upstream cables. This allows you to control both systems with a single keyboard and mouse connected to the monitor's USB ports.

4. OPERATING INSTRUCTIONS

4.1. 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.

4.2. On-Screen Display (OSD) Navigation and Hotkey Puck

Adjust monitor settings using the On-Screen Display (OSD) menu. The included Hotkey Puck provides quick

access and navigation for various settings.



Figure 4.1: The BenQ Hotkey Puck, used for navigating the OSD and quick access to custom settings.

- **Hotkey Puck:** Use the dial and programmable buttons on the Hotkey Puck to navigate the OSD, switch input sources, adjust brightness, contrast, and volume, or activate custom color modes.
- **OSD Menu:** Access the main OSD menu to configure display settings, color modes, input selection, and KVM options.

4.3. Color Management

The BenQ PD3226G is designed for precise color reproduction.

144Hz Motion Clarity



Figure 4.2: Visual representation of the BenQ PD3226G's accurate and consistent color performance.

- **Factory Calibration:** The monitor is factory-calibrated to ensure a $\Delta E \leq 2$ for immediate color accuracy out of the box.
- **Color Modes:** Select from various pre-set color modes (e.g., sRGB, P3, Rec.709) optimized for different design workflows.
- **Software Calibration:** Utilize BenQ Palette Master Ultimate software for advanced hardware calibration and to maintain color accuracy over time.

4.4. KVM Switch Operation

To switch between two connected systems using the KVM function:

1. Ensure both computers are connected to the monitor via their respective video inputs and USB upstream cables.
2. Use the Hotkey Puck or the OSD menu to select the desired input source (KVM1 or KVM2). The monitor will automatically switch the display, keyboard, and mouse control to the selected system.

4.5. Daisy Chain Setup

The Thunderbolt 4 port supports daisy-chaining for connecting multiple monitors. Connect the Thunderbolt 4

output of your primary monitor to the Thunderbolt 4 input of a secondary compatible monitor. This allows for extended desktop setups with simplified cabling.

5. MAINTENANCE

5.1. Cleaning the Monitor

To maintain the display's quality and longevity:

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Wipe the screen gently. Avoid applying excessive pressure.
- Do not use alcohol, ammonia, or abrasive cleaners, as these can damage the Nano Matte Panel.
- **Important:** The Nano Matte Panel has a specialized reflection-free coating. **DO NOT TEAR OR ATTEMPT TO REMOVE THIS LAYER.** It is an integral part of the monitor's design and performance. Removing it will cause irreversible damage and void the warranty.

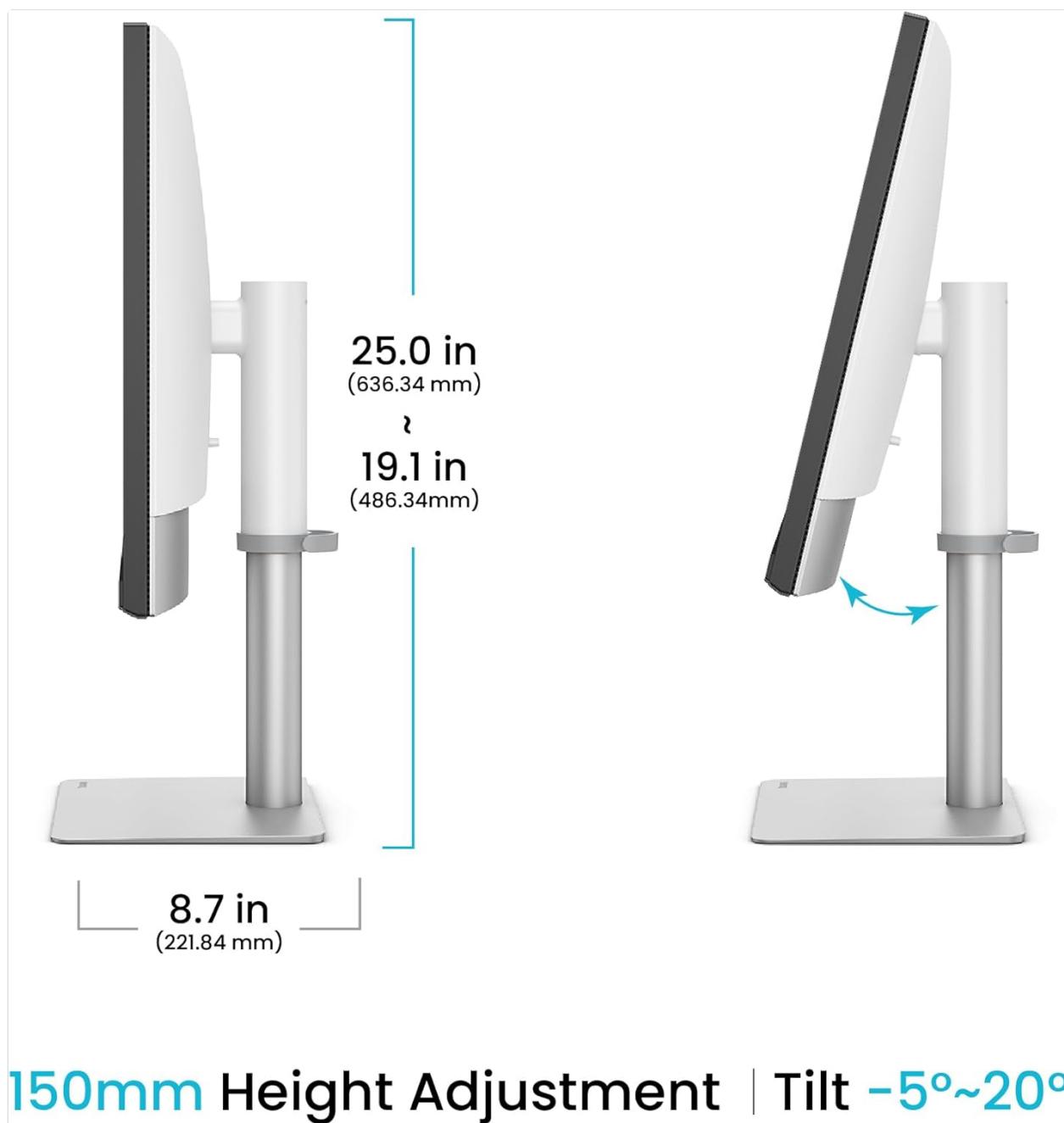


Figure 5.1: The Nano Matte Panel diffuses ambient light to reduce reflections and enhance eye comfort.

5.2. General Care

- Avoid placing heavy objects on the monitor or its cables.
- Keep the monitor away from direct sunlight, excessive heat, or moisture.
- Ensure proper ventilation around the monitor to prevent overheating.

6. TROUBLESHOOTING

If you encounter issues with your BenQ PD3226G monitor, refer to the following common problems and solutions:

- **No Display/Black Screen:**

- Ensure the power cable is securely connected to both the monitor and the power outlet.
- Verify that the video cable (Thunderbolt 4, HDMI, or DisplayPort) is firmly connected to both the monitor and your computer.
- Check if the correct input source is selected in the OSD menu or via the Hotkey Puck.
- Confirm your computer's display settings are configured to output to the external monitor.

- **Incorrect Colors/Image Quality Issues:**

- Reset the monitor to factory default settings via the OSD menu.
- Ensure the correct color mode is selected for your task (e.g., sRGB, P3).
- If using software calibration, ensure the calibration profile is active and up-to-date.
- Check your graphics card drivers for updates.

- **KVM Not Switching:**

- Verify that both computers are properly connected with both video and USB upstream cables to the monitor.
- Ensure the KVM function is enabled and configured correctly in the OSD menu.
- Try restarting the monitor and the connected computers.

- **No Sound:**

- Check the monitor's volume settings in the OSD menu.
- Verify your computer's audio output is set to the BenQ monitor.
- Ensure the audio cable (if separate from video) is connected, or that the video cable supports audio transmission.

For further assistance, please refer to the BenQ support website or contact customer service.

7. SPECIFICATIONS

Feature	Specification
Model Number	PD3226G
Screen Size	32 Inches
Resolution	4K UHD (3840 x 2160 Pixels)

Feature	Specification
Refresh Rate	144Hz
Panel Type	IPS
Color Gamut	95% P3, 100% sRGB/Rec.709
Color Accuracy	Delta E ≤ 2 (Factory Calibrated)
Connectivity	Thunderbolt 4 (90W PD), HDMI 2.1, DisplayPort 1.4, USB-C, USB-A 3.2
KVM Switch	Built-in
Panel Surface	Nano Matte (Reflection-Free)
Ergonomics	Height Adjustable, Tilt, Swivel, Pivot (90°)
Item Weight	14.6 pounds
Product Dimensions (LxWxH)	19 x 9.5 x 25.1 inches
VESA Mount	100 x 100 mm

7.1. Ergonomic Adjustments

The monitor stand allows for various adjustments to optimize your viewing experience:

- **Height Adjustment:** Adjust the monitor height by 150mm.
- **Tilt:** Tilt the screen from -5° to 20° for comfortable viewing angles.
- **Pivot:** Rotate the screen 90° for portrait mode viewing.

Daisy Chain



Figure 7.1: The BenQ PD3226G monitor can pivot 90 degrees for vertical orientation.

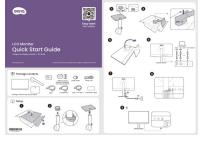
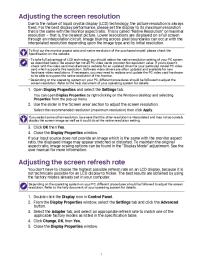


Figure 7.2: The BenQ PD3226G monitor offers extensive height and tilt adjustment capabilities.

8. WARRANTY AND SUPPORT

For information regarding the standard manufacturer's warranty for your BenQ PD3226G monitor, please refer to the warranty card included in your product packaging or visit the official BenQ support website. BenQ also offers optional extended protection plans for purchase.

For technical support, driver downloads, and frequently asked questions, please visit the BenQ support portal: www.benq.com/en-us/support.html

	<p>BenQ PD3226G DesignVue Designer Monitor Quick Start Guide</p> <p>Quick Start Guide for the BenQ PD3226G DesignVue Designer Monitor, covering package contents, setup, hotkey puck usage, software installation, and angle adjustment.</p>
	<p>Manuale Utente Monitor BenQ DesignVue Serie PD</p> <p>Guida completa al manuale utente per i monitor professionali BenQ DesignVue Serie PD, che copre installazione, configurazione, funzionalità software, calibrazione del colore, manutenzione e risoluzione dei problemi.</p>
	<p>BenQ PD2700Q 27-inch DesignVue Designer LCD Monitor Quick Start Guide</p> <p>Comprehensive Quick Start Guide for the BenQ PD2700Q 27-inch DesignVue Designer LCD Monitor. Learn about setup, connections, adjusting screen resolution and refresh rate, and understanding preset display modes for optimal performance. Features AQCOLOR technology.</p>
	<p>BenQ Monitor Technical Specifications and Setup Guide for PD2706QN, PD3226G, PD2730S</p> <p>Comprehensive technical specifications, video input compatibility, and setup instructions for BenQ PD2706QN, PD3226G, and PD2730S monitors, detailing screen resolution, refresh rates, and timing support across various inputs.</p>
	<p>BenQ PD3420Q Monitor & ScreenBar Halo User Manual - Setup, Features, Troubleshooting</p> <p>Comprehensive user manual for the BenQ PD3420Q Ultrawide Creator Monitor and BenQ ScreenBar Halo LED Monitor Light. Includes setup guides, feature explanations, troubleshooting tips, and safety information.</p>
	<p>BenQ PD3220U/PD2720U LCD Monitor Quick Start Guide</p> <p>A quick start guide for BenQ PD3220U and PD2720U LCD monitors, covering unboxing, stand assembly, port connections, Hotkey Puck G2 usage, and Thunderbolt 3 daisy chaining for designers and professionals.</p>