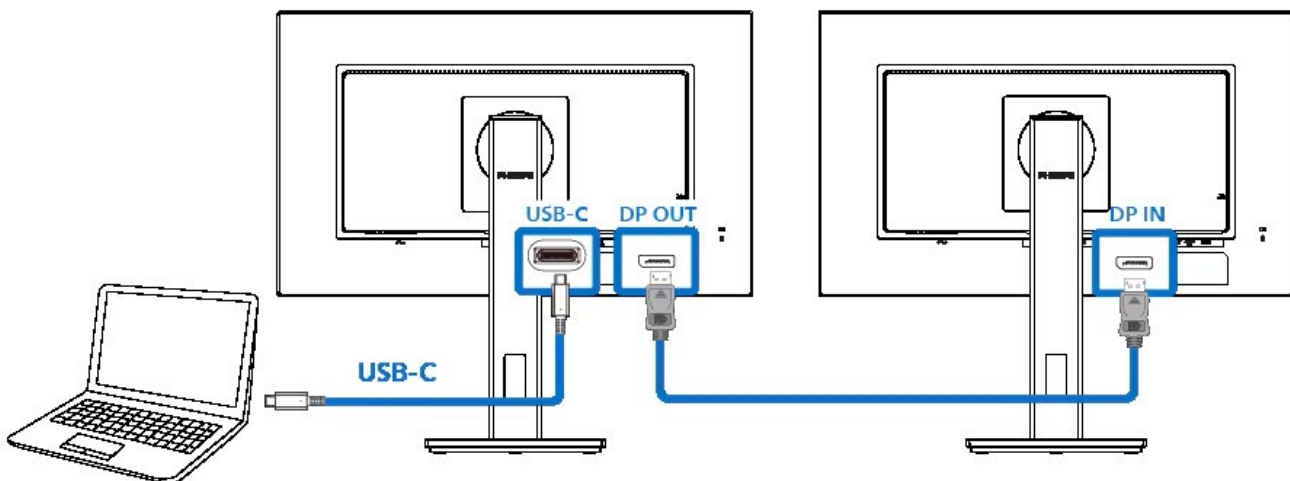## CCS Media
Philips Monitors

What is Daisy-Chaining for Computer Monitors

The use of multiple screens has become popular since the introduction of personal computers. The larger screen sizes and the ability to use more than one screen have contributed to increased productivity at home and in the office. Studies have shown that adding a second monitor can improve productivity by up to 30%. However, managing multiple screens can lead to a tangle of wires, which is cumbersome and inconvenient.

Daisy-chaining monitors involves connecting multiple monitors to each other and then to a single computer using a DisplayPort cable. This setup reduces cable clutter and is relatively simple to configure. Here are the steps to properly daisy chain multiple monitors:

Call us on 01246 200 200 or visit ccsmedia.com.

Step 1: Check that your laptop or PC's video or graphics card supports DisplayPort 1.2 MST.

Step 2: Connect the first monitor's DisplayPort to the laptop or PC.

Step 3: Connect the DisplayPort Out on the first monitor to the DisplayPort In on the second monitor.

Step 4: To daisy-chain more monitors, follow the same steps as in step 3. You can continue daisy-chaining additional monitors.

Step 5: Lastly, adjust your display settings. You can choose "Clone" or "Extend" to set up your multi-screen workspace. Extending all screens allows for a seamless and efficient setup.

The process is almost identical when using Thunderbolt 3. For this process, you should follow the steps below:

Step 1: Check if your laptop/PC's video or graphics card (VPU or GPU) supports DisplayPort 1.2 MST.

Step 2: Connect your first monitor to the laptop or PC using a Thunderbolt cable.

Step 3: Connect the first monitor to the second monitor using a Thunderbolt cable. You can then daisy-chain multiple monitors.

Step 4: Adjust your display settings accordingly.

What are the benefits of daisy-chaining monitors?

Daisy-chaining monitors offers many benefits. It's especially useful for laptop users due to the limited outputs of modern laptops and smaller-sized PCs. Additionally, monitor connections become much quicker in general.

Can I daisy chain two monitors together?

Yes, to daisy chain two or more monitors, make sure they have a DisplayPort in/out or Thunderbolt 3, and use DisplayPort cables to connect the monitors. Additionally, your GPU must support DisplayPort 1.2 MST ("Multi-stream transport").

Depending on your GPU, you can daisy-chain from 3 to 6 monitors. However, there's a limited amount of data that can be transferred through DP, and daisy-chaining more than 2 monitors might compromise the resolution of your setup.

Does daisy chaining reduce performance?

It depends on the number of monitors you are using and their quality. If you want to daisy chain only two displays, the performance should not be noticeably impacted.

While daisy chaining more than two monitors is extremely useful, it can slightly reduce the performance along the chain. The reduction is not abrupt or extreme, but you can strategically organise your setup. For example, the highest resolution can be on your primary monitor, and then you can scale down the resolution as you go down the chain and use the extra space accordingly for tasks that are less detail dependent.

See what Expert Reviews think in their article about Best Monitors for Home Offices.