

IT Pro Performance: Three Adapter Technologies for Multi-Monitor Connectivity

Discover which technology is ideal to enable your multi-monitor environment.

Multiple monitors are proven to help increase productivity, but not all computers have enough ports, or the right type of ports, to connect directly to multiple monitors.

MST (Multi Stream Transport)

- MST enables multi-monitor capabilities beyond dual monitors while using DisplayPort or USB-C DP Alt Mode
- Supports up to four displays depending on the capabilities of your system and the integrated or discrete GPU



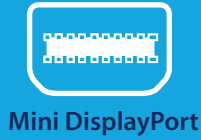
* Some Intel-based Chromebooks support MST

Driver Installation?

Not required.
Leverages existing GPU



Host Ports



Mini DisplayPort



DisplayPort



USB-C



Thunderbolt

USB Graphics

- Multiple external displays over a standard USB-A or USB-C connection
- Uses own graphics engine, overcoming external monitor limitations (e.g., Apple M1/M2)
- Ideal for hot desks with a mix of operating systems & laptop port configurations
- Add a 4K display to a laptop or desktop not capable of outputting 4K video



* Except MCT Trigger-based adapter

Driver Installation?

Automatic on Windows



Host Ports



USB-A



USB-C



Thunderbolt

Thunderbolt

- High-performance graphics up to dual 4K60
- Go-to-choice where video and data performance are key
- Delivers uncompressed video for content creation & video editing
- Relies on the graphics capabilities of the laptop



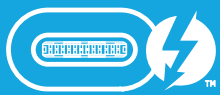
* Some Intel-based Chromebooks support Thunderbolt 4

Driver Installation?

Not required.
Leverages existing GPU



Host Ports



Thunderbolt