

# 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



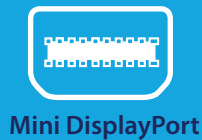
\* Some Intel-based Chromebooks support MST

### Driver Installation?

Not required.  
Leverages existing GPU



### Host Ports



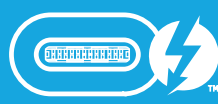
Mini DisplayPort



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?

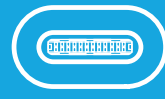
Automatic on Windows



### 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



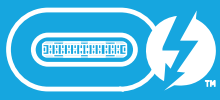
\* Some Intel-based Chromebooks support Thunderbolt 4

### Driver Installation?

Not required.  
Leverages existing GPU



### Host Ports



Thunderbolt