

Connector types

This page gives an overview of different categories and types of connectors with a short description and links to resources with more detailed descriptions. Sometimes the same connectors can be seen within different categories depending on the type of category.

Power connectors



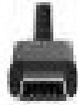
Resource: <https://www.electronicconnectors.net/power-connectors/>

USB connectors

USB Plug (Male):



Micro B



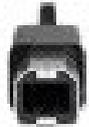
Mini B



8 Pin Lightning



Type A 2.0



Type B 2.0



Type A 3.0



Type B 3.0



Type C 3.0

USB Port (Female):



Micro B



Mini B



8 Pin Lightning



Type A 2.0



Type B 2.0



Type A 3.0



Type B 3.0



Type C 3.0

Resource: <https://uk.rs-online.com/web/content/discovery/ideas-and-advice/usb-connectors-guide>

EVERYTHING YOU NEED TO KNOW ABOUT **USB C**, A GRAPHIC

USB C Version Speeds and Specs

USB VERSION/ CABLE TYPE	2.0	3.1 GEN 1	3.1 GEN 2 (FULL-FEATURED)	THUNDERBOLT 3 PASSIVE	THUNDERBOLT 3 ACTIVE
SPEED	480 Mbps	5 Gbps	10 Gbps	40 Gbps	40 Gbps
MAX LENGTH	4 Meters	2 Meters	1 Meters	0.5 Meters	2 Meters
ASSOCIATED SYMBOL(S)					
DISPLAY/4K SUPPORT	No	No	No	Yes	Yes
PROTOCOL SUPPORT	-	-	-	DisplayPort (DP)	DisplayPort (DP)
CURRENT RATING	3A/5A*	3A/5A*	3A/5A*	3A/5A*	3A/5A*

*Always double check a cable's capabilities before using to power laptops or monitors. Only 5A cables should be used. Never use a 3A USB C cable to power these devices.

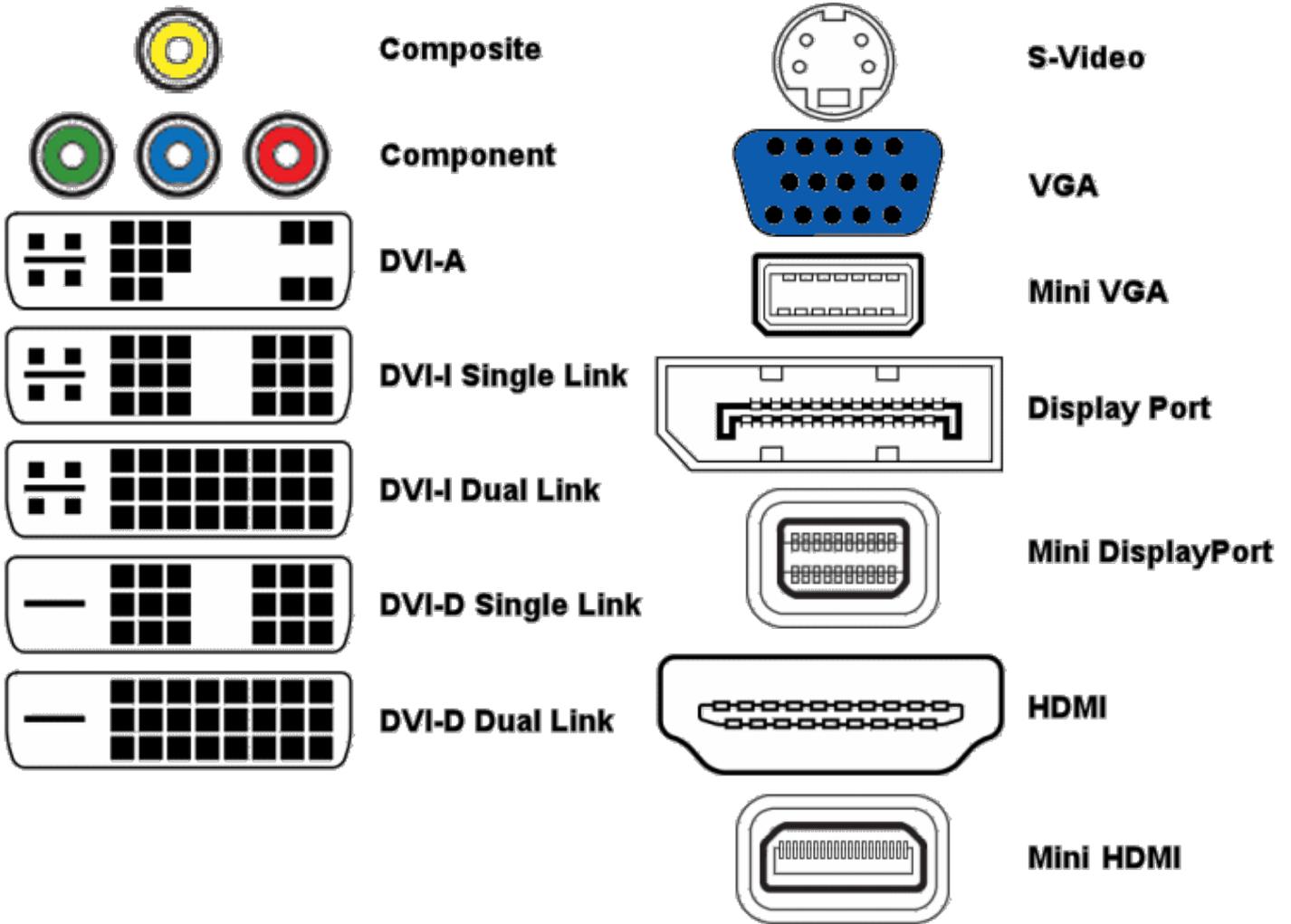


USB C is a **specific shape of USB connector**. It was designed to take the universality of USB a step further by being the one connector for almost anything including data, power/charging, video and audio.



Resource: [Facebook](#)

Video connectors



Resource: <https://www.diyaudioandvideo.com/TV/WireCableConversions/>

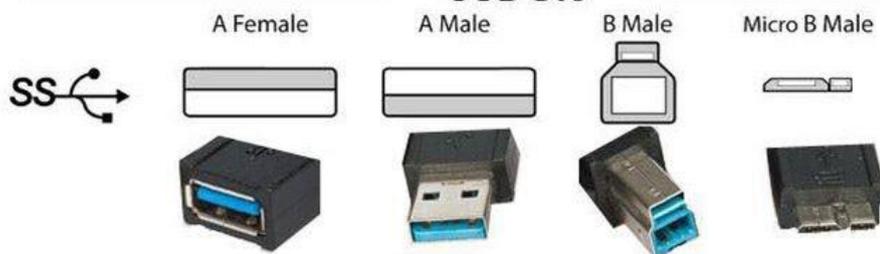
Audio connectors



USB 2.0



USB 3.0



Computer connectors

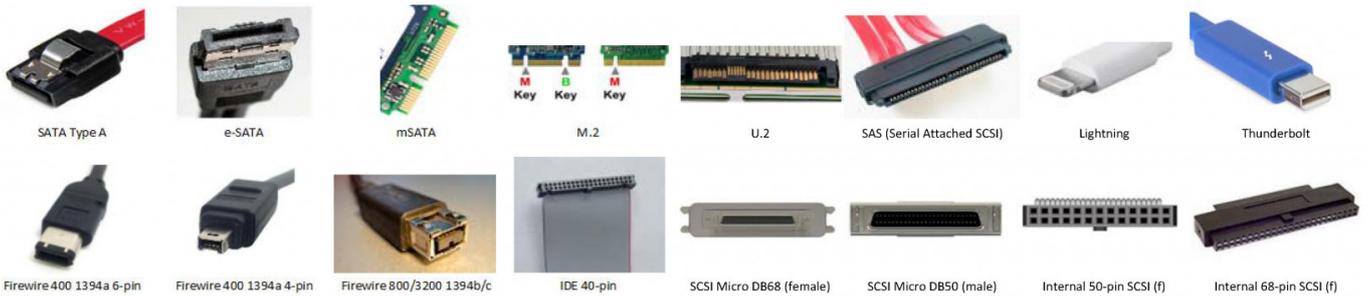
Ultimate Chart of Computer Connectors and Ports

Updated for 2020

USB, Keyboard and Mouse



Storage / Disk



Network / Communications



Audio



Video



Power



Resource: <https://www.prrcomputers.com/blog/ultimate-connectors-chart/>

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