

USB Ports Hardware

Sep 2017

I can never remember which USB port has what name, so here is a little reminder.

USB Connectors

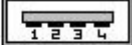


USB Type A by Colour



White = USB1x (12Mb/s)
Black = USB2x (480Mb/s)
Blue = USB3x (5Gb/s)
Red/Yellow = This does not indicate USB speed, it indicates that this port will not power off in sleep mode.

USB Wiring

Plug	Type	Receptacle
	A	
	B	
	Mini B	

Pin	Signal	Color	Description
1	VCC		+5V
2	D-		Data -
3	D+		Data +
4	GND		Ground

USB C Wiring

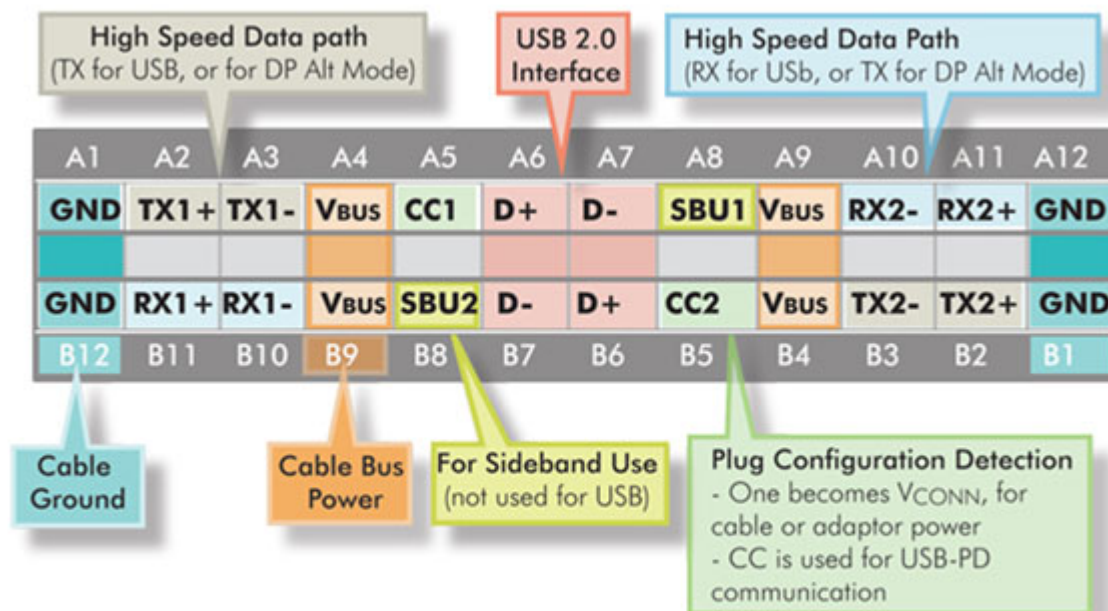
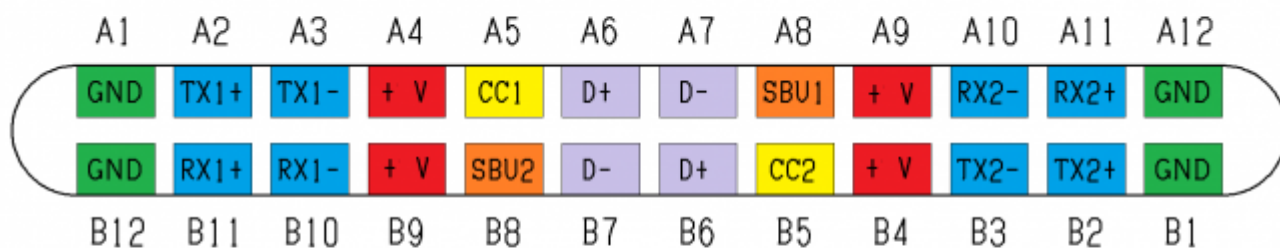


Figure 2: USB Type-C pins and signal lines.

(Courtesy: <http://www.vesa.org/>, the folks who support the DisplayPort specification.)

USB Type-C Connector Pin Assign



 USB3.1 Super speed+ 10Gbps	 Secondary Bus
 USB2.0 High speed 480Mbps	 USB Power Delivery Communication

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