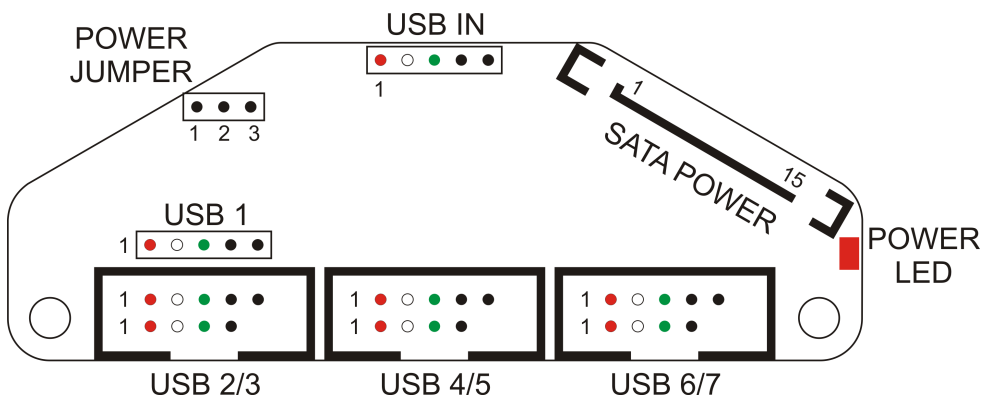


### Installation instructions

**Mounting above motherboard:** Bend the rubber case outwards and remove the cover plate from the hub. Remove two of the motherboard retaining screws from suitable positions. Place two plastic spacers on top of each opening and place the hub on top of the spacers. Secure hub, spaces and motherboard with screws supplied with the hub. Depending on your PC case, either metric or imperial screws are required. Both types are supplied with the hub. Place the initially removed cover plate onto the hub and clip it into the rubber case.

**Mounting with hook-and-loop strip:** Remove the protective film from one side of the hook-and-loop strip and attach the strip to the bottom side of the hub. Remove the second protective film and attach the hub to a suitable surface inside the PC case.



**USB connection to PC:** Connect the USB IN header of the hub with an internal USB header of the motherboard. Take special care to make sure the pin alignment is correct!

**Power supply:** The hub (including all connected devices) can either be powered via USB connection or via SATA power supply connector. If voltage is supplied to the hub, the POWER LED will light up red. If the

POWER LED does not light up although the PC is running, check the POWER JUMPER position as well as all connected cables.

**Jumper position 1-2 closed:** Power supplied via USB IN. Maximum current for all ports 500 mA combined. Depending on motherboard configuration, the hub will also be powered during standby and connected devices may be used to wake the PC up from standby.

**Jumper position 2-3 closed:** Power supplied via SATA power connector. Maximum current for all ports 1000 mA combined, split up as 500 mA for ports 1, 2 and 3 combined and 500 mA for ports 4, 5, 6 and 7 combined. Connect SATA POWER to an available connector of your PSU. No power is supplied during standby.

**Driver installation:** All current operating systems will automatically detect the hub and use generic drivers. No special drivers are required.

**Pin assignment USB:**

Pin 1	+5 V	(red)
Pin 2	D-	(white)
Pin 3	D+	(green)
Pin 4	GND	(black)
Pin 5	not connected or GND	(black)

**Pin assignment SATA POWER:**

Pin 4-6, 10, 12	GND
Pin 7-9	+5 V DC
Pin 1-3, 11, 13-15	not connected