

4 pin ATX wiring diagrams

Please note that the cable colouring can vary in some cables. The ATX 4 pin power supply connector is a standard motherboard power connector used to provide +12v DC to the processor voltage regulator. Motherboards can come with either a 4 pin 12 volt connector or an 8 pin 12 volt connector.

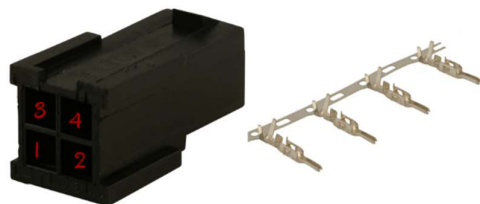
The polarization of the pins prevents you from plugging the cable in improperly, some of the pins are square and some of them have rounded off corners as shown below. The motherboard connectors have matching square and rounded off corners to prevent the cable from being plugged in the wrong way.



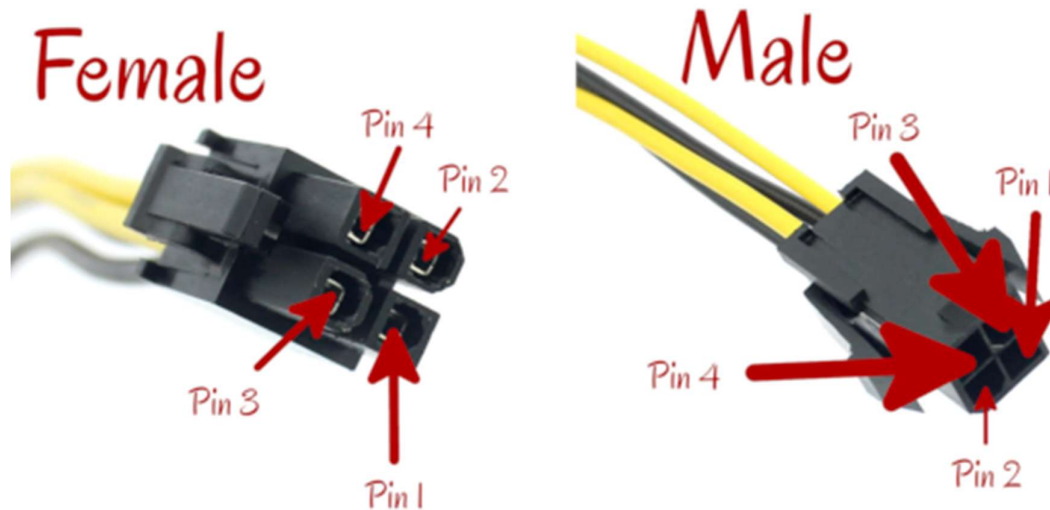
4 pin ATX Female connector and crimps



4 pin ATX Male connector and crimps



4 pin ATX wiring diagram



Pinout table for 4 pin ATX power connector.

Pin	Name	Colour	Description
1	COM	Black	Ground
2	COM	Black	Ground
3	+12v	Yellow	+12v DC
4	+12v	Yellow	+12v DC

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