

## The power supply connectors



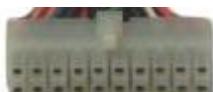
### 4 Pin Berg Connector

Used to connect the PSU to small form factor devices, such as 3.5" floppy drives.  
available in: **AT, ATX & ATX-2**



### 4 Pin Molex Connector

This is used to power various components, including hard drives and optical drives.  
available in: **AT, ATX & ATX-2**



### 20 Pin Molex ATX Power Connector

This is used to power the motherboard in ATX systems.  
available in: **ATX** (ATX-2 have four extra pins)



### 4 Pin Molex P4 12V Power Connector

Used specifically for Pentium 4 Processor Motherboards.  
available in: **ATX** (integrated into the power connector in ATX-2)



### 6 Pin AUX Connector

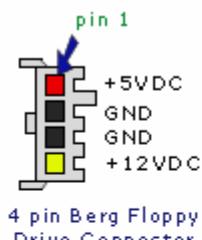
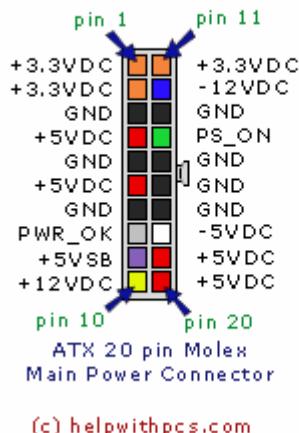
Provides +5V DC, and two connections of +3.3V.  
available in: **ATX/ATX-2**

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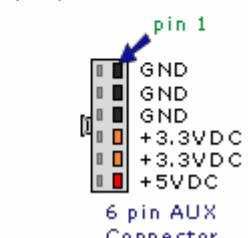
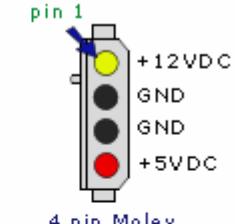
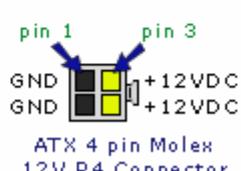
## ATX Power Supply Pinouts

Below are pinout diagrams of the common connectors in ATX power supplies.

diagrams with pins facing forward



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**note:** The pinouts above relate to the connectors not the sockets.

**note:** To power up an ATX or ATX-2 PSU for testing, short pin 14 (PS\_ON) with one of the grounds.