24 Pin ATX Pinout					
Pins 1 through 12			Pins 13 through 24		
Description	Wire color	Pin number	Pin number	Wire color	Description
+3.3 volts	orange	1	13	orange	+3.3 volts
+3.3 volts	orange	2	14	blue	-12 volts
ground	black	3	15	black	ground
+5 volts	red	4	16	green	PS_ON#
ground	black	5	17	black	ground
+5 volts	red	6	18	black	ground
ground	black	7	19	black	ground
PWR_OK	gray	8	20	white	-5 volts (optional)
VSB +5 volts	purple	9	21	red	+5 volts
+12 volts	yellow	10	22	red	+5 volts
+12 volts	yellow	11	23	red	+5 volts
+3.3 volts	orange	12	24	black	ground

Power supply troubleshooting
Test and Repair Standard and Switching Power Supplies
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Several units (on hand) show pin-12 as Brown (not Blue), pin-18 as Blue (not White), and pin-8 as White (not Gray). Shorting pin 14 (/PS_ON) to GND (COM) only brings on pin-9 (stand-by). Need to signal somehow to bring the total PS on.

Pin	Name		Color	Description
1	3.3V		Orange	+3.3 VDC
2	3.3V		Orange	+3.3 VDC
3	COM		Black	Ground
4	5V		Red	+5 VDC
5	COM		Black	Ground
6	5V		Red	+5 VDC
7	COM		Black	Ground
8	PWR_OK		Gray	Power Ok is a status signal generated by the power supply to notify the computer that the DC operating voltages are within the ranges required for proper computer operation (+5 VDC when power is Ok)
9	5VSB		Purple	+5 VDC Standby Voltage (max 10mA) 500mA or more typical
10	12V		Yellow	+12 VDC
11	3.3V		Orange	+3.3 VDC
12	-12V		Blue	-12 VDC
13	COM		Black	Ground
14	/PS_ON		Green	Power Supply On (active low). Short this pin to GND to switch power supply ON, disconnect from GND to switch OFF.
15	COM		Black	Ground
16	COM		Black	Ground
17	COM		Black	Ground
18	-5V		White	-5 VDC (2002 v1.2 made optional, 2004 v2.01 removed from specification)
19	5V		Red	+5 VDC
20	5V		Red	+5 VDC