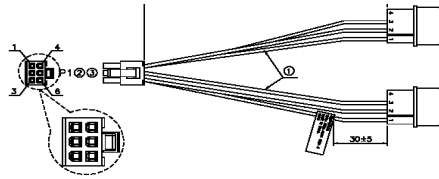




GeForce 8800 GTX Additional Power requirements

The GeForce 8800 GTX graphics card takes power from two sources, the PCI Express edge connector and two six-pin power connectors.

Table 1 provides the power required from each rail.



Connect (2) supplied PCI Express 6 pin power cables.





Table 1. Power Requirements for the GeForce 8800 GTX

Source	Voltage	Maximum Sustained	
		Current	Power
PCI Express edge connector			
PEX12V	12 volts	4.7 amps	56 watts
PEX3v3	3.3 volts	0.7 amps	2.3 watts
Six-pin power connector - Primary			
12 volt power	12 volts	4.8 amps	58.7 watts
Six-pin power connector - Secondary			
12 volt power	12 volts	4.9 amps	59.9 watts
Total board power required			
Including all components of reference board			177 watts

Table 2. GeForce 8800 GTX

Six-Pin Auxiliary Power Connector Experience

Six-Pin PCIe Power Connector		Result
Outside position nearest corner of PCB	Inside position	
Connected	Connected	Full power
Connected	Not connected	Graphics board will run at lower performance
Not connected	Connected	Buzzer will sound – graphics board will not boot