



The PNY Quadro FX 5800 graphics board is performance optimized high-end board solution. Power is taken from the PCI Express host bus as well as an 8-pin or (2) 6-pin PCI Express power connectors. Without auxiliary power provided to the Quadro FX 5800 graphics board, the LED light goes red and the graphics board will not boot.

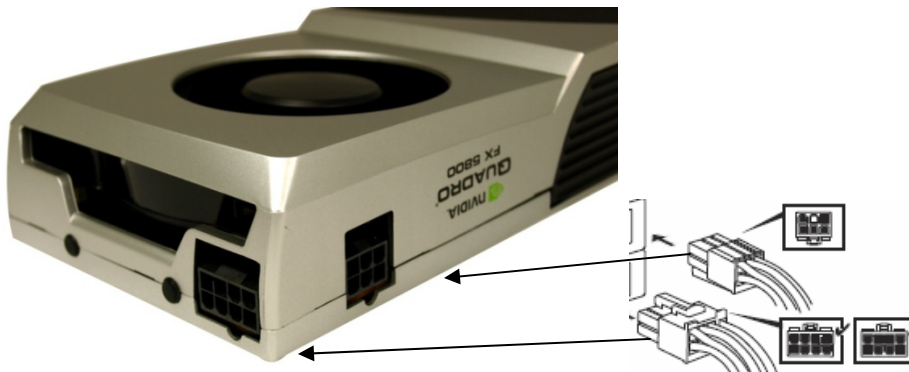


Table 9 outlines the different possible scenarios as well as the resulting behaviors.

Table 9. Quadro FX 5800 Configuration with External PCIe Connectors

8-pin / 6-pin PCIe Power Connector	6-pin PCIe Power Connector	Result
Connected	Connected	Full Power – LED light on the bracket is <b>GREEN</b> by default.
8-pin connected	Not connected	Full Power – LED light on the bracket is <b>GREEN</b> by default.
Not connected	Connected	LED light is <b>RED</b> – graphics board will not boot to OS
6-pin connected	Not connected	LED light is <b>RED</b> – graphics board will not boot to OS
Not connected	Not connected	LED light is <b>RED</b> – graphics board will not boot

Table 11. Power By Rail

Board	PEX12V	PEX3V3	EX12V	Total Board Power
Quadro FX 5800	62.01	2.82	124.25	187.82 W