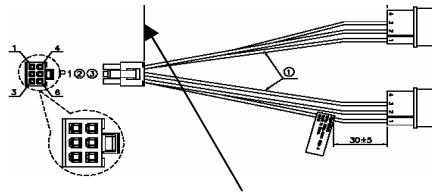


# Additional Power Requirements

## NVIDIA FX 4500 X2 by PNY Technologies

The NVIDIA Quadro FX 4500 X2 graphics board is a performance optimized high-end board. Power is taken from the PCI Express host bus and the auxiliary power connector. Without auxiliary power the NVIDIA Quadro FX 4500 X2 graphics board will run in emergency power mode with very low speed to be compliant with PCI Express specification of 75 W maximum via on port **GPU\_SLOW**. For full performance, an external PCI Express power connector must be attached giving an additional 75 W through the 6-pin power connectors. The total input power will be 145 W maximum. A power supply 400 Watts or higher with a 12V Current rating of 27A is recommended.



Connect supplied PCI Express 6 pin power cable.

\* Maximum Power Consumption 145 Watts

### Power by Rail

Table 6 – power supply by rail numbers.

Input Rails		
12 V Voltage	Volts	12
12 V Current	Amps	3.12
12 V Power	Watts	37.4
3V3Voltage	Volts	3.3
3V3 Current	Amps	0
3V3 Power	Watts	0
Input Rails Ext 12V		
P278 12 V Voltage	Volts	12
P278 12 V Current	Amps	3.12
P278 12 V Power	Watts	37.4
P378 12 V Voltage	Volts	3.3
P378 12 V Current	Amps	0
P378 12 V Power	Watts	0
<b>Total Board Power</b>	<b>Watts</b>	<b>145.9</b>