3 LED Indicators

The LFE-8139ATX NIC comes with four LED indicators on the back plane of the adapter that inform you about the following network status as shown in the figure on the next page.

If you experience any problems with the adapter, first make sure the appropriate driver is loaded, the proper cable is connected to the adapter RJ-45 port, and the hub complies with the adapter specifications, such as 10Mbps 10BASE-T or 100Mbps 100BASE-TX. Then recheck the LEDs.
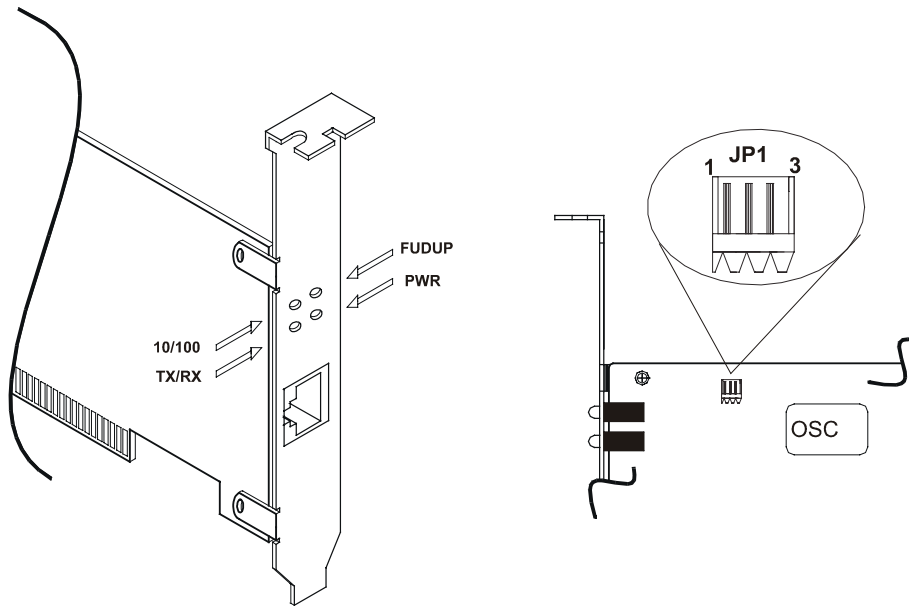
Figure 3-1: LED indicators on the bracket and on the adapter connector

♦ **FUDUP(Full Duplex) Indicator**

This indicator turns ON to indicate in Full-duplex mode; otherwise, it is OFF.
The NIC supports full duplex at 10BASE-T and 100BASE-TX. If the Switch hub supports the NWay feature and full duplex, the LFE-8139ATX NIC automatically runs in full duplex.

♦ **10/100(Link) Indicator**

This indicator turn ON under two conditions: a good connection has been established with a fast link pulse is detected on the UTP port and the adapter is running the network driver. If there is a problem with the connection. Check the network cable for continuity and cuts. If that does not resolve the problem, try replacing the cable.

♦ **PWR Indicator**

This indicator light indicates the power of the adapter is receiving.

♦ **Tx/ Rx (Transmit /Receive) Indicator**

This indicator flashes to indicate there is network activity -- the adapter is transmission or reception data from the network.

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Table 3-1 below describes these LEDs.

LED	Color	Status	Meaning
PWR (Power)	Green	ON	The LFE-8139ATX NIC is receiving power.
10/ 100 (Speed)	Green	ON	Good 10BASE-T or 100BASE-TX connection between NIC and Switch or hub.
		OFF	No connection between NIC and Switch or hub.
FUDUP (Full-Duplex)	Yellow	ON	The RJ-45 port is operating in Full-Duplex mode.
		OFF	It is for Half-Duplex operation.
TX/ RX	Green	Blinking	The RJ-45 port is transmitting or receiving data.

Table 3-1 : Operational LEDs