

### **How to change some bytes of SPD?**

1. Select **Read SPD at xxh** under the **EEPROM** group menu, where **xxh** is an address defined for the SPD device on the System Management. Wait some time while Thaiphoon is dumping SPD.
2. Now using a HEX Editor you can change any desired byte confirming its new value by pressing the Enter key.

### **How to flash an external dump into SPD?**

1. Select **Load** command under the **File** menu or press **Load** button on the tool bar.
2. Choose a file with the **thp** extension and press Open button in the Open Dialog box.
3. Select **Full Rewrite** command under the **EEPROM** menu and the **Full SPD Rewrite** window will appear.
4. Set a HEX address of the target SPD device and increase a value of the delay between writes if needed.
5. Now push **Write** button to program the dump.

### **How to reprogram a desired register address range of SPD?**

1. Select **Load** command under the **File** menu or press **Load** button on the tool bar.
2. Choose a file with the **thp** extension and press Open button in the Open Dialog box.
3. Select **Rewrite Selectively** command under the **EEPROM** menu and the **SPD Dump Range** window will appear.
4. Define the left-most and the right-most HEX address of a register range of the target SPD device. Increase a value of the delay between writes if needed and set a HEX address of SPD.
5. Now push **Write** button to start programming of the selected address range of the dump into SPD.

### **What is an Emulation Mode?**

Thaiphoon doesn't make any change of SPD in this mode, but you can analyze the change in the **Details** window. The Emulation Mode can be activated by pressing **Protect** button on the toolbar or by selecting **Emulation Mode** command under the **EEPORM** menu. Once it has been activated, you can freely edit your SPD dump in the HEX editor.