FAQ No. 01870

[Guide] CPU Overclocking
Affected Model: MSI Gaming series notebook with Intel Core i7-6820HK Processor

Q: How to set CPU overclocking on my notebook?

A: This guide will show you how to overclock CPU through Dragon Gaming Center, please refer to the steps below.

I. Please make sure that there is an Intel Core i7-6820HK Processor in your notebook and the version of Dragon Gaming Center is v2.0.1510.2701 or later. (You could download and update Dragon Gaming Center from MSI product page)

II. Perform [Dragon Gaming Center] and select [Device Setting]. Please read the warning message carefully and click on [OK] button.

III. Click on [Sport] mode and then select the [CPU Ratio] you want to overclock with Intel i7-6820HK Processor. (37x, 38x, 39x, 40x, and 41x)
Please switch to [Comfort] mode if you don’t want to perform CPU overclocking, the CPU and GPU would run at default setting - Intel i7-6820HK CPU @ 3.6 GHz. (Max CPU Ratio with Intel Turbo Boost enabled)

Please read the warning message carefully when overclocking:
Overclocking on the MSI notebook is not a guaranteed feature since the workable overclocking level of each processor is not the same.

- Altering clock frequency and/or voltage may
  - Reduce system stability and useful life of the system and processor;
  - Cause the processor and other system components to fail;
  - Cause reductions in system performance;
  - Cause additional heat or other damage;
  - Affect system data integrity.