

***msi***<sup>®</sup>

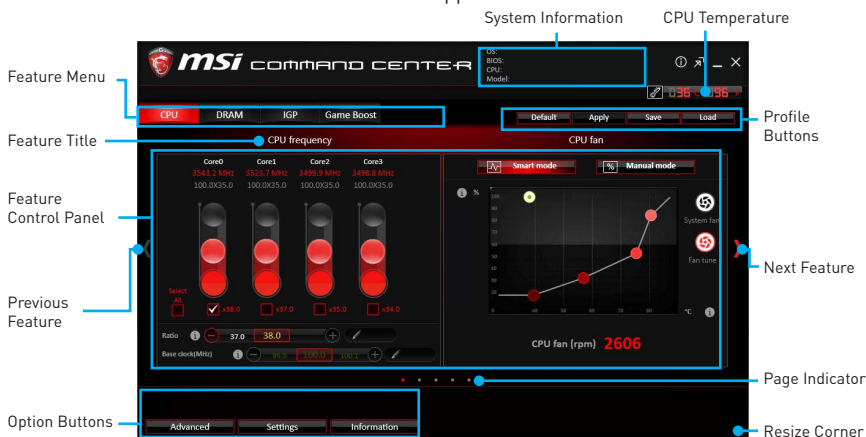


# COMMAND CENTER

## User Guide

## COMMAND CENTER

COMMAND CENTER is an user-friendly software and exclusively developed by MSI, helping users to adjust system settings and monitor status under OS. With the help of COMMAND CENTER, making it possible to achieve easier and efficient monitoring process and adjustments than that under BIOS. In addition, the COMMAND CENTER can be a server for mobile remote control application.



### Profile Buttons



- **Default** - load the default values for the current feature.
- **Apply** - apply your changes.
- **Save** - store values in the file with individual file extension.
- **Load** - load the values from the file.

### Important

Every time you shut down the system, the configured setting will be restored to the factory default. If you want to use the saved settings, you have to load it every time by clicking the **Load** and **Apply** buttons.

### CPU Frequency

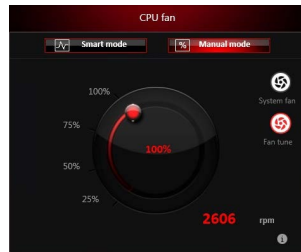
CPU Frequency control panel allows you to change CPU Ratio and Base clock. You can see the current frequency of each CPU core on the top of the panel.



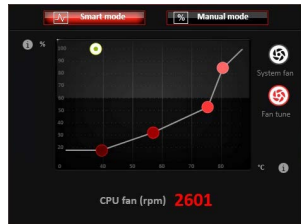
## CPU Fan

CPU Fan control panel provides **Smart mode** and **Manual Mode**. You can switch the control mode by clicking the **Smart Mode** and **Manual Mode** buttons on the top of the CPU Fan control panel.

- **Manual Mode** - allows you to manually control the CPU fan speed by percentage.
- **Smart Mode** - a linear fan speed control feature. The control panel contains 4 dots allows you to drag and adjust the Smart Speed slopes. The fan speed will be changed along these lines with CPU temperature. The white dot will create strip chart in real time.
- **System Fan Button** - to open the system fan control panel in new window.
- **Fan Tune Button** - to automatically optimize the smart fan setting.



Manual Mode



Smart Mode

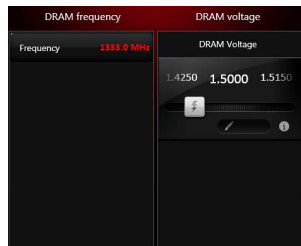
## CPU Voltage

CPU Voltage control panel allows you to control the CPU voltage.



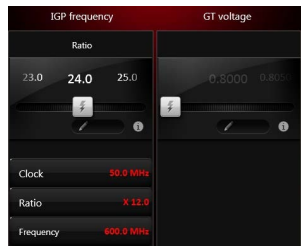
## DRAM Frequency & DRAM Voltage

- **DRAM Frequency** - Shows the DRAM clock, ratio and frequency.
- **DRAM Voltage** - Allows you to adjust the DRAM voltage. The risky values are displayed in red.



## IGP Frequency & GT Voltage

- **IGP Frequency** - Allows you to adjust the IGP ratio, and shows the IGP clock, ratio and frequency.
- **GT Voltage** - Allows you to adjust the GT voltage. The risky values are displayed in red.



## GAME BOOST

GAME BOOST has 8 overclocking stages for you to overclock your computer. COMMAND CENTER provides the software interface instead of GAME BOOST knob on the motherboard. You can click on the center button to switch GAME BOOST control between software (SW) and hardware (HW) . The inner circle represents the current stage of hardware GAME BOOST and the outer represents software.



### Option Buttons - Advanced

When click the **Advanced** button, The **Voltage**, **Fan** and **DRAM** icons will appear.



- **Voltage** - allows you to adjust advanced voltage values of CPU and chipset.
- **Fan** - allows you to control the system fans speed.
- **DRAM** - shows the current Advanced DRAM parameters, and allows you to change the settings by selecting values from the drop-down menu on the right hand side.
- **Sensor** - allows you to monitor your motherboard temperature and fan speed with the virtual thermal image. You can drag and drop the fan icons to new locations. When you press the **Cooling** button, all fans will run at full speed.

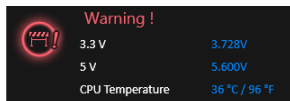
### Option Buttons - Setting

When click the **Setting** button, The **Record**, **Warning** and **Mobile Control** icons will appear.



- **Record** - allows you to monitor the status of voltage, fan speed and temperature in real time.
  - To filter record charts, select the check box next to the items.
  - When click the **Play** button, the chart pane will start to show the recording chart. If you want to check the value of a specific spot on chart, please move the orange vertical line to the spot.
  - History Record stores the data and names with date and time.
  - To make a history record: Select items and click the **Record** button. When finished, click the **Record** button again. The data will be stored in the drop-down menu.
  - To load a record, click the drop-down menu and select one from the list.
  - To delete a record, select the record that you want to delete, and click the **Trash Can** icon.

- **Warning** - contains fields of voltage, fan speed and temperature for you to set the threshold values. When system detects the status over your settings, a warning message will pop-up.



- **Mobile Control** - is only available for the motherboard with the built-in WiFi module. It allows you to enable/disable the COMMAND CENTER Remote Server. Please refer to the instruction on the Mobile Control control panel.
- **To start remote control: (optional)**
  1. Download and install **MSI® COMMAND CENTER APP** to your mobile device.
  2. Enable **COMMAND CENTER Remote Server** on the **Mobile Control** panel.
  3. Enable **SoftAP Management**.
  4. Enter **SSID** and **Password**, and then click the **Apply** button.
  5. Activate Wi-Fi® on your mobile device and connect to SoftAP with the SSID.
  6. Run **MSI® COMMAND CENTER APP** on your mobile device.
  7. Find the IP address on the **SoftAP Management Setting** area, and enter the IP address on your **MSI® COMMAND CENTER APP** to link your system.
  8. Press **Refresh** on the **MSI® COMMAND CENTER APP** to verify that monitoring and OC functions are working properly.


## Option Buttons - Information

When click the **Information** button, The **Motherboard**, **CPU**, **Memory** and **HW monitor** icons will appear.



You can click the icons to open the related information.

## Gadget Mode

COMMAND CENTER provides a gadget mode to monitor the system status. You can switch between gadget mode and full mode by clicking the arrow icon  on the top left.

- **To arrange gadgets:**
  1. Click the Spanner icon  on the Gadget mode, a configuration panel will slide out.
  2. Select the check box next to the items.
  3. Click the **Close** button.

