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About DRAGON CENTER

- Optimize game settings and enjoy a high quality gaming experience.
- System performance tuning, you can choose overclock or silent.
- Monitor system information.
- Adjust the color of the screen display and enjoy better visual effects.
- Register your MSI products.
- Control the LED light effects and synchronize effects of your devices.
- Manage network connection settings.
- Use utilities to control special features.

⚠️ Important

THE SOFTWARE FEATURES IN THIS USER GUIDE VARY BY PRODUCT.

THE SCREENSHOTS FOR THE UI IN THIS USER GUIDE ARE FOR REFERENCE ONLY AND THE ACTUAL UI DESIGN MAY VARY.
Get Started

System Requirements
- Operating System:
  - Windows 10 64-bit

Supported Hardware
- Motherboard:
  - MSI X570 series motherboards or newer
- Graphics card:
  - MSI GeForce RTX 20 & GTX 16 Series graphics cards or newer

Installing DRAGON CENTER
1. Go to MSI Website download DRAGON CENTER.
2. Extract the downloaded file.
3. Double-click on the extracted Dragon Center setup program.
4. Click Install to continue the process.
5. Select the Start button, then select Dragon Center.
6. Click **OK**.

![Image of MSI Dragon Center window](image1)

7. **DRAGON CENTER** will open the web browser to download **OneDC_SDK.exe** file.

![Image of downloads folder](image2)

8. Execute **OneDC_SDK.exe** and click **Next** to continue the process.
9. Select **I accept the agreement** and click **Next** to continue the process.

10. Click **Finish** to complete the process.

11. Please wait while UI is installed.
12. You can start to use DRAGON CENTER.

Launching DRAGON CENTER
Select the Start button, then select Dragon Center.

How to completely remove DRAGON CENTER
1. Select the Start button, then select settings.
2. Select Apps.
3. Uninstall Dragon Center.
4. Uninstall OneDC_SDK.
DRAGON CENTER Basics

Main Screen

⚠️ Important

The screenshots for the UI in this user guide are for reference only and the actual UI design may vary.

Main Menu

Information Bar

Operation Panel

Information Bar

Change Your Picture/ Login/ Logout

Display MSI product currently in use. Click to enter the control page.

Display mode currently applied. Switch between different mode by selecting a mode from the drop-down menu.
Game Optimization

The Gaming Mode feature will optimize the computer system, monitor, cooler and other peripherals to provide the best gaming experience.

Gaming Mode

Select **Gaming Mode** in the sub menu to enter Gaming Mode control panel.

**Gaming Mode main switch**

**Refresh software list button**

**Applications Optimized by Gaming Mode**

**Applications have not been installed or optimized by Gaming Mode**

⚠️ **Important**

*Gaming Mode doesn’t support PRO Series Motherboards.*

Gaming Mode Option

Game Mode switches and option settings are available in the upper right corner of each game icon. You can choose whether the game applies Game Mode such as System Performance, True Color, Nahimic and Touchpad disable while playing the game.

**Gaming Mode switch**

**Option Settings**
How to Enable Gaming Mode

You can enable the Gaming Mode for System Performance, True Color, Nahimic and disable Touchpad while playing the game.

1. Select the installed game icon in Home > Gaming Mode.

2. Check Gaming Mode Options.

3. Enable Gaming Mode switch.

4. Enable Gaming Mode main switch

5. Play the game.
User Scenario

Selecting User Scenario

The DRAGON CENTER has default scenarios and customized preset options.

1. Go to Home > User Scenario.

2. Select one of the options.

- Extreme Performance - Provides ultimate performance for overclocking.
- Balanced - return to system default settings.
- Silent - Reduce noise by lowering the performance where possible.
- User - allows you to customize the settings.

Setting User Options

Under User icon, click the gear icon to customize user options.
How to Adjust the Motherboard Voltage

1. On Home > User Scenario, click User setting.
2. Click the MB > Voltage setting [ ].

Click here

Click [ ]/ [ ] to adjust voltage value. You can also fill the value in the input box with your keyboard.

Back

Current voltage value

Range

Apply changes

Default values
How to Use Game Boost

The GAME BOOST feature allows you to overclock your computer.

1. On Home > User Scenario, click User setting.
2. Click the **MB > Game Boost** setting.

For Motherboard with Game Boost

- Click the On/Off button to enable/disable the Game Boost feature.
- Apply changes
- Function description

Click here
DRAGON 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).

Click 0~11 number to select a stage from number 0 (default) to number 11 (extreme) for overclocking the processor.

Function description

Apply changes

For Motherboard with Game Boost 8 Stages
How to Adjust the GPU and GPU Memory Frequency

1. On Home > User Scenario, click User setting.

2. Click to adjust GPU Frequency and GPU Memory Frequency. You can also fill the value in the input box with your keyboard.

3. Click the Apply button to apply change.
How to Adjust the DRAM Timing

1. On Home > User Scenario, click User setting.
2. Click the DRAM > DRAM Timings setting.

Click here

Select the DRAM Channel

Click to select an available value from the drop-down menu

Apply changes

Default values

Back
How to Adjust the DRAM Voltage

1. On Home > User Scenario, click User setting.
2. Click the DRAM > Voltage setting.

Click here

Click \(-/-\) to adjust voltage value. You can also fill the value in the input box with your keyboard.

Back

Current voltage value

Range

Apply changes

Default values
Adjusting the Fan Speed

Fan speed control panel provides Smart Fan and Manual Fan. You can switch the control mode by clicking the Smart Fan and Manual Fan tabs on the top of the Fan control panel.

How to enter the fan speed control panel
1. On Home > User Scenario, click User setting.
2. Click the Fan > CPU/ PUMP/ SYS fan setting.

How to use the Smart Fan control panel
The Smart Fan control panel contains 4 dots which allows you to drag and adjust the Smart Speed slopes. The fan speed will change along with the Smart Speed curve.

- Current fan speed
- The white dot will create strip chart in real time.
- Default setting
- Fan Tune - click to automatically optimize the smart fan setting.
How to use the Manual Fan control panel

Current fan speed

Default setting

Click the percentage to manually control the fan speed.

Fan Tune - click to automatically optimize the smart fan setting.
Monitor

Monitor feature provides a custom hardware monitor gadget to display the system status.

Select **Monitor** in the sub menu to enter Monitor page

How to Use the Hardware Monitor

1. Go to Home > Monitor.
2. Enable the Hardware Monitor switch in the upper right corner, and the Hardware Monitor gadget will appear.
3. Click the gear icon in the top left corner of the Hardware Monitor gadget to open the monitoring item menu.

4. Select the item you want to display in the gadget.
True Color

True Color lets you adjust the color gamma, saturation, brightness and contrast of your screen for the best viewing experience.

The Ture Color feature supports games in windowed mode.

Select **True Color** in the sub menu to enter True Color control panel

![True Color Control Panel](image)

Select the quick screen color option

**True Color Preset Options**

When you click the preset option, the screen color changes quickly and immediately. The color settings for each option are as follows

- **EyeRest** - reduces blue light of your computer screen for eye care.
- **Gaming** - enhances the contrast of the screen.
- **Movie** - enhances the dynamic contrast of the screen.
- **Customize** - allows you to adjust gamma, contrast and color balance of your computer screen. Please refer to the instructions below.
- **Default** - uses the system default setting.
How to customize screen color

The True Color control panel has a **Customize** feature that allows you to customize your own colors.

1. Click the gear icon at the bottom of the Customize icon.

2. Click and drag the sliders to adjust the Gamma, Level, Brightness and Contrast on Red, Green and Blue tabs.

3. Click the Apply button to save the settings.
LAN Manager

LAN Manager is applied to Windows 10 network traffic shaping. It keeps your internet speed during heavy uploads/downloads and reduces the ping value of online games. If your motherboard has a Wi-Fi module, it can also provide virtual access point functionality for your mobile device for traffic shaping.

To use LAN Manager:
1. Install the LAN driver.
2. Connect your computer to the Internet.
3. Go to Home > LAN Manager.

Select LAN Manager in the sub menu to enter LAN Manager control panel

Network Control Menu

There are menus in the LAN Manager Control Panel that allow you to access the relevant Network Control function.

- **Priority** - customizes application network bandwidth priorities.
- **Usage** - displays the application network usage status.
- **Network Test** - allows you to setup bandwidth control.
- **Advanced Setting** - allows you to expand RWIN to accelerate download speed. You can also block IP address and setup virtual access point.
- **Information** - shows version information.
- **WiFi Analysis** - shows the Wireless network around you.
Setting Network Speed

1. Select the **Network Test** control panel.

2. Click **Test Network Speed**.

3. cFos Speed Test web page will be opened.

4. Click **Start tx test** to test Upload speed, and click **Start rx test** to test Download speed.

5. Fill in the speed test results in the **Upload speed** and **Download speed** input boxes.

6. Check the **Enable Bandwidth Control** checkbox.
Customizing Application Priorities

The Priority control panel displays currently using network bandwidth applications.

1. Test and set the network speed as described previously.
2. Select the Priority control panel.

3. Use the category bar to filter the displayed applications categories.

4. Click the drop-down menu next to the application name to select the priority of the application.

Note: To stop some applications from using bandwidth, you can click to block the application.
Mystic Light

Mystic Light feature allows you to control LED light effects of MSI & partner products. For some earlier products, you can go to product download page to download the applicable LED control software.

When you click the Apply button, the LED effect settings can be saved to Profile1-3, and you can switch to different settings by clicking Profile1-3.
• **Device synchronization** - In this section, you may synchronize LED light effect to your devices.

![Device synchronization section](image)

• **All synchronization** - click the big chain icon in the upper right corner.

![All synchronization icon](image)

• **To synchronize devices** - click the chain icon under device icon, when the broken-chain icon changes to the chain icon, the device has synchronized the LED effect settings with the other devices.

![Synchronization icons](image)

- **Chain icon** - indicates the device has been synchronized.
- **Broken-chain icon** - indicates the device is not synchronized.

• **Individual** - You can also change settings for single device. To do that, click the chain icon and turn the color to gray as below.

![Individual synchronization icon](image)

- **Device icon** - click it to enter the device LED effect setting screen. When it is turn red, it indicates the device you’re currently setting.

• **LED item dropdown menu** - Click to select the LED item on the device. The LED effects vary depending on your LED item selection.

![LED item dropdown menu](image)
• **Light effect dropdown menu**

Click to select LED light effects. Please note that for light effect, the option would be more or less depending on the devices you have, it will only list the light effects which are available for all included devices.

• **LED Color selector** - In this section, you may select the color for single light effects (Stack, Breathing, Flashing etc.).

The outer arc is a custom color picker and the inner arc is the default color picker that cannot be changed. You can simply change the LED color by clicking on the color on the outer or inner arc. To store a custom color, click one of the color slots on the outer arc to store the color of your choice.

You can specify a color by editing an RGB (red, green, blue) value between 0 and 255.

Drag the brightness slider up to increase brightness or drag down to decrease brightness.

Use the Hue Circle to choose the color you want. The color you choose will be displayed on the center circle.

• **Effect speed and brightness level**

Drag the sliders to adjust the LED light effect switching speed and light brightness.

*Please note that these function will only be available if your device supports it.*
DYNAMIC DASHBOARD Control Panel (optional)

Click DYNAMIC DASHBOARD button to open the DYNAMIC DASHBOARD control panel.

Enabled DYNAMIC DASHBOARD

- Select all item
- Items selection panel
- Preview

Disabled DYNAMIC DASHBOARD

Selecting Display Items

1. Select Enabled in the upper left corner of the control panel.
2. Select items you want to show on the DYNAMIC DASHBOARD.
3. Click Apply to apply your changes.
Uploading Custom Animation
Click the Upload icon and select a .gif animation file.

.GIF File Restriction
Dimensions: 256 x 64
DPI: 72
Size: 128KB

Restoring MSI Default Animation
Click the Dragon icon to restore the MSI default animation.

Fan Speed/ Temperature/ Voltage State
Available Items:
Fan Speed: CPU fan / Water pump fan / System fan speed
Temperature: CPU / System / MOS / PCH / PCIe / M.2 / Sensors temperature
Voltage: CPU / Memory voltage

Hardware Information
CPU Information | Memory Information | Graphics Card Information

GAME BOOST State
When you use the GAME BOOST Knob, DYNAMIC DASHBOARD will display the CPU frequency information.

Stage 0
GAME BOOST Disabled

Stage 1~11
5.4 ~5.7 GHz

Important
Game Boost is only available on K CPUs and speeds may vary based on CPU model.
**Ambient Link**

With the Ambient Link feature, it will provide visual color feedback on Philips Hue and Nanoleaf depending on what is happening in your game. To use Ambient Link, you need to follow the instructions below to complete the link setup.

**Supported Motherboards**
- MEG Z390 GODLIKE
- MEG Z390 ACE
- MPG Z390 GAMING PRO CARBON AC
- MPG Z390 GAMING EDGE AC
- MEG X570 GODLIKE
- MEG X570 ACE
- PRESTIGE X570 CREATION
- MPG X570 GAMING EDGE Wi-Fi

**Network Requirements**
- The router is broadcasting a 2.4GHz network.
- The Wi-Fi network is using WPA/WPA2 security.
- The router is configured for any of the Wi-Fi modes a/b/g/n.

**Philips Hue Setup (optional)**
1. Plug in your Hue bridge and it will automatically power up.
2. Connect it to the router LAN port.
3. Wait for the two lights to come on and you are good to go. (Left is power light and center is local network)

**Nanoleaf Setup (optional)**
- The router is compatible with Bonjour (mDNS).
Ambient Link Control Panel

Game Mode and Ambient Mode can only be activated one at a time in the Ambient Link control panel.

• Game Mode tab

Click to synchronize/ non-synchronize the game

Synchronization main switch

Click to access the game control panel

Back

Select Game Event, color and brightness

Preview the effect

Apply changes
• Ambient Mode tab

- Click to select an effect as background light
- Preview the effect
- ON/OFF background light & music
- Apply changes
- Drag the slider to adjust light brightness

• Ambient Link tab

- Click to detect devices
- Click to switch to Philips Hue and Nanoleaf
- Status indicator
- Click to synchronize
- Re-synchronize
- Remove the device
- Adjust orientation or position

Dropping a light device will:

- Set up a light group
- Set up a light group with the default color
- Set up a light group with the default color for Nanoleaf Light Panels

ON/OFF background light & music

Adjust orientation or position
Gaming Gear
This panel allows you to control MSI’s gaming gear or supported third-party devices.

Select **Gaming Gear** in the sub menu to enter Gaming Gear menu.

Supported devices will be displayed here. Click to enter the control panel of the device.
Product Registration

Register your MSI product to get exclusive updates, quicker service and product support.

Select **My Device** in the sub menu to registrar your product.

Login to your MSI account on this My Device tab. If you don’t have an MSI account, please click the **Join MSI Member** button or use Facebook, Google Plus to login.

Click the **Product Register** button and fill in the product registration form.
Live Update

Live Update feature allows you to scan system and download the latest drivers, BIOS and utilities. With Live Update, you don’t need to search the drivers on websites, and don’t need to know the models of motherboard and graphics cards. Live Update will download the appropriate drivers automatically.

To use Live Update:
1. Connect your computer to the Internet.
2. Go to Support > Live Update.
**Notices**

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**Revision History**

Version 2.0, 2018/09, First release
Version 2.1, 2018/09, Add Gaming Hotkey, Voice Boost
Version 2.2, 2019/01, Add Mystic Light, Smart Tool, Super Charger, DPC Latency Tuner
Version 2.3, 2019/02, Change to white background
Version 2.4, 2019/07, UWP version