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MSI PS42 8RB-059

MSI PS42 8RB-059 Laptop User Manual

Professional Thin Bezel Laptop with Intel Core i7-8550U and NVIDIA GeForce MX150

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1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your MSI PS42 8RB-059 laptop. Please read through this guide to ensure optimal performance and longevity of your device.



Figure 1.1: The MSI PS42 8RB-059 laptop showcasing its thin bezel display.

2. SETUP

2.1 Unboxing Your Laptop

Upon opening the package, ensure all components are present:

- MSI PS42 8RB-059 Laptop
- Power Adapter
- User Manual (this document)

2.2 Connecting the Power Adapter

Connect the power adapter to the laptop's barrel charging port on the left side and then plug it into a power outlet. The laptop will begin charging. Note that the USB-C ports do not support power delivery.

2.3 Initial Power On and Windows Setup

Press the power button located in the center above the keyboard to turn on the laptop. Follow the on-screen instructions to complete the Windows 10 Pro setup process. This includes setting up your user account, network connection, and other preferences.



TAILORED VIEWING MODES

Get the best picture for whatever you are viewing. With our True Color Technology, you can select different modes that allow you to get the best picture for your scene.

-MOVIE



Figure 2.1: The integrated fingerprint sensor for secure one-touch access with Windows Hello.

3. OPERATING YOUR LAPTOP

3.1 Display Features

Your laptop features a 14-inch Full HD IPS-Level display with a thin bezel design, offering an immersive visual experience. The True Color technology provides various display modes optimized for different tasks such as design, office work, movie watching, and gaming.



Figure 3.1: The display with True Color technology, offering optimized modes for various uses.

3.2 Keyboard and Touchpad

The laptop is equipped with a comfortable, backlit keyboard featuring large, silver keys. The precision touchpad supports multi-touch gestures for intuitive navigation. A fingerprint reader is integrated into the touchpad for secure login via Windows Hello.

3.3 Ports and Connectivity

The MSI PS42 offers a variety of ports for your connectivity needs:

- **Left Side:** Power input (barrel jack), HDMI, 2x USB 3.1 Type-C (data only, no power delivery), Headphone/Microphone combo jack, LED indicators for power and charging.
- **Right Side:** Kensington Lock slot, SD Card Reader, 2x USB 3.1 Type-A.

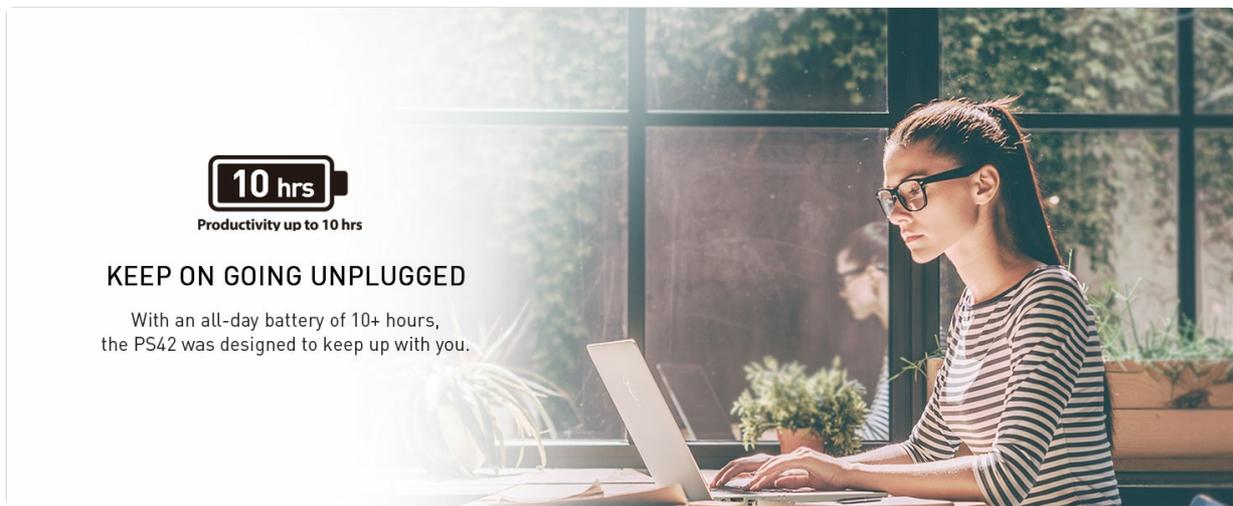


Figure 3.2: Side view illustrating the available ports for external device connectivity.

3.4 Cooling System (Cooler Boost 3)

The laptop features Cooler Boost 3 technology with dedicated fans for the CPU and GPU, ensuring efficient heat dissipation even during intensive usage. This design helps maintain optimal performance and system stability.

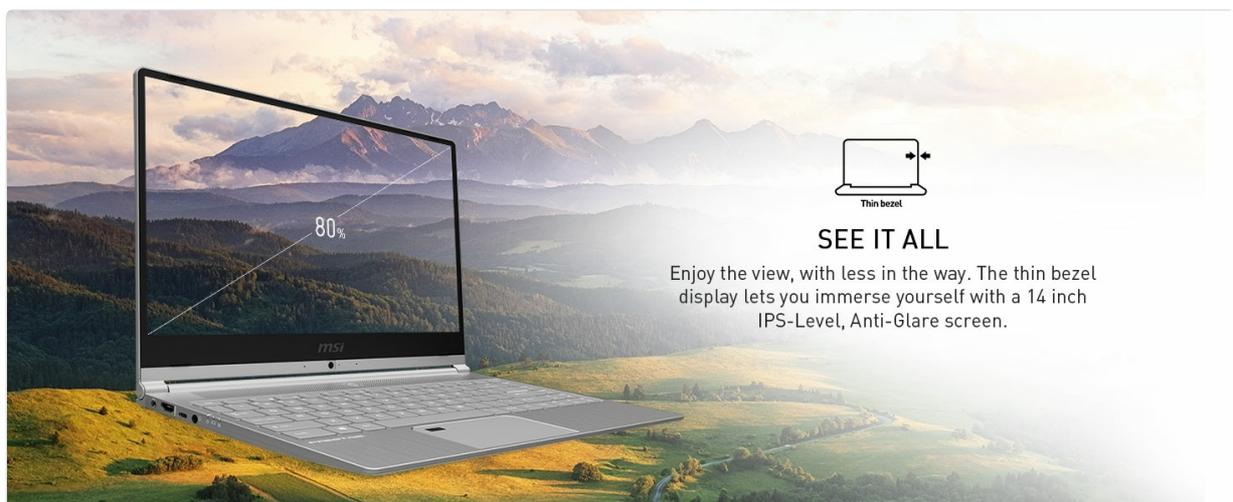


Figure 3.3: Visual representation of Cooler Boost 3 technology in action, keeping the laptop cool.

3.5 Audio Enhancement (Nahimic 3)

Experience enhanced audio quality with Nahimic 3 technology, providing immersive 7.1 audio for movies, music, and games.

Video 3.1: Official MSI PS42 product overview, highlighting key features including Nahimic 3 audio. This video demonstrates the laptop's design, display, and audio capabilities.

4. MAINTENANCE

4.1 Cleaning Your Laptop

Regularly clean your laptop to prevent dust buildup and maintain performance. Use a soft, lint-free cloth for the screen and exterior. For the keyboard, use compressed air to remove debris. Ensure the laptop is powered off and unplugged before cleaning.

4.2 Software Updates

Keep your Windows 10 Pro operating system and drivers updated to ensure security, stability, and optimal performance. You can check for updates through the Windows Settings menu.

4.3 Storage and Memory Management

Your laptop comes with a 512GB M.2 SATA SSD and 16GB DDR4 RAM (expandable up to 32GB). Regularly manage your storage by deleting unnecessary files and applications. Monitor RAM usage to ensure smooth multitasking.

5. TROUBLESHOOTING

5.1 Power and Charging Issues

- **Laptop not turning on:** Ensure the power adapter is securely connected to both the laptop and a working power outlet. Check the LED indicators for charging status.
- **Battery not charging:** Verify the power adapter is functioning correctly. If issues persist, contact customer support.

5.2 Overheating

If the laptop feels excessively hot, especially during heavy use, ensure the vents are not obstructed. The Cooler Boost 3 system is designed to manage heat, but proper airflow is crucial. Avoid using the laptop on soft surfaces that can block vents.

5.3 Connectivity Problems

- **Wi-Fi issues:** Check your router and network settings. Ensure Wi-Fi is enabled on your laptop.
- **USB devices not recognized:** Try connecting the device to a different USB port. Ensure drivers for the external device are installed.

6. SPECIFICATIONS

Feature	Detail
Brand	MSI
Model Name	PS42 8RB-059
Screen Size	14 Inches
Color	Silver
CPU Model	Core i7-8550U (1.8 - 4.0GHz)
Graphics Coprocessor	NVIDIA GeForce MX150 2G GDDR5
RAM Memory Installed Size	16 GB DDR4 2400MHz (Max 32GB)
Hard Disk Size	512 GB M.2 SATA SSD
Operating System	Windows 10 Pro

Special Features	Thin Bezel Display, Ultra Light (2.62 lbs), One-touch access, True Color, Extended Battery Life, Cooler Boost 3, Nahimic 3 7.1 Audio, USB 3.1 Type-C
Battery Energy Content	65 Watt Hours
Connectivity Technology	USB, 802.11ac Wireless, Bluetooth
Ports	HDMI, USB 3.1 Type-C (x2), USB 3.1 Type-A (x2), SD Card Reader, Headphone/Mic Combo
Item Weight	5.27 Pounds

7. WARRANTY & SUPPORT

7.1 Product Warranty

Your MSI PS42 8RB-059 laptop comes with a 1-year Limited Warranty, which includes 1 Year Global coverage. Please refer to the warranty card included in your package for full terms and conditions.

7.2 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact MSI Computer customer support. You can find contact information on the MSI official website or in the documentation provided with your laptop.