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› [ASUS](#) /

› [ASUS ROG Strix GL553VE Gaming Laptop User Manual](#)

## ASUS GL553VE

# ASUS ROG Strix GL553VE Gaming Laptop User Manual

Model: GL553VE

## 1. INTRODUCTION

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The ASUS ROG Strix GL553VE is a high-performance 15.6-inch gaming laptop designed for an immersive gaming experience and demanding tasks. It features a 7th-generation Intel Core i7 quad-core processor and a discrete NVIDIA GeForce GTX 1050Ti 4GB graphics card. This manual provides detailed instructions to help you get the most out of your device.

Key features include a 15-inch Wide View panel with 178° viewing angles, Windows 10 pre-installed, a hybrid storage solution with a 256GB SATA SSD for fast operating system speeds and a 1TB HDD for ample storage, and an Aura RGB-backlit scissor-switch keyboard with 2.5mm of travel distance and 4 zones of lighting control. Connectivity is robust with 802.11ac 2x2 WiFi, Bluetooth 4.0, and USB Type-C Gen 2.

## 2. SETUP

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### 2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Ensure the following items are present:

- ASUS ROG Strix GL553VE Laptop
- Power Cord
- Warranty Card
- Quick Manual

Inspect the laptop for any physical damage. If any damage is found, contact your retailer immediately.

### 2.2 Connecting Power

Connect the power cord to the laptop's power input port and then to a wall outlet. The laptop can operate on battery power, but it is recommended to connect it to AC power for initial setup and optimal performance, especially during gaming or intensive tasks.

### 2.3 First Boot and Windows Setup

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the Windows 10 setup process. This typically involves selecting your region, language, creating a user account, and connecting to a Wi-Fi network. Ensure you have a stable internet connection for system updates.

## 3. OPERATING THE LAPTOP

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### 3.1 Display

The laptop features a 15.6-inch Full HD (1920x1080 pixels) Wide View panel with 178° viewing angles, providing clear visuals from various perspectives. The matte finish helps reduce glare.



Image: The 15.6-inch Full HD display offers wide viewing angles and a matte finish for clear visuals.

### 3.2 Keyboard and Touchpad

The Aura RGB-backlit scissor-switch keyboard is designed for gaming, offering 2.5mm of key travel for tactile feedback. It features 4 zones of customizable lighting control, which can be adjusted using the ASUS software. The touchpad supports Windows precision drivers and offers good palm rejection.

# Extensive Connectivity



Reversible USB Type-C port | Hyper-fast data transfer speeds



Image: The RGB-backlit keyboard features 2.5mm key travel for responsive input.

## 3.3 Performance

Equipped with a 7th-generation Intel Core i7-7700HQ quad-core processor and an NVIDIA GeForce GTX 1050Ti graphics card with 4GB of dedicated memory, the GL553VE delivers strong performance for gaming and multitasking.

# Breathtaking Visuals



15.6-inch Full HD panel | Matte finish | 160° wide view panel



Image: The laptop's powerful graphics card ensures high performance.

## 3.4 Storage and Memory

The laptop combines a 256GB SATA SSD for rapid boot times and application loading with a 1TB 7200RPM HDD for extensive storage of games and media. It comes with 16GB of DDR4 RAM, providing ample memory for demanding applications.

# A Keyboard that's Built for Gamers



Chiclet gaming keyboard with red-backlit scissor-switch keys

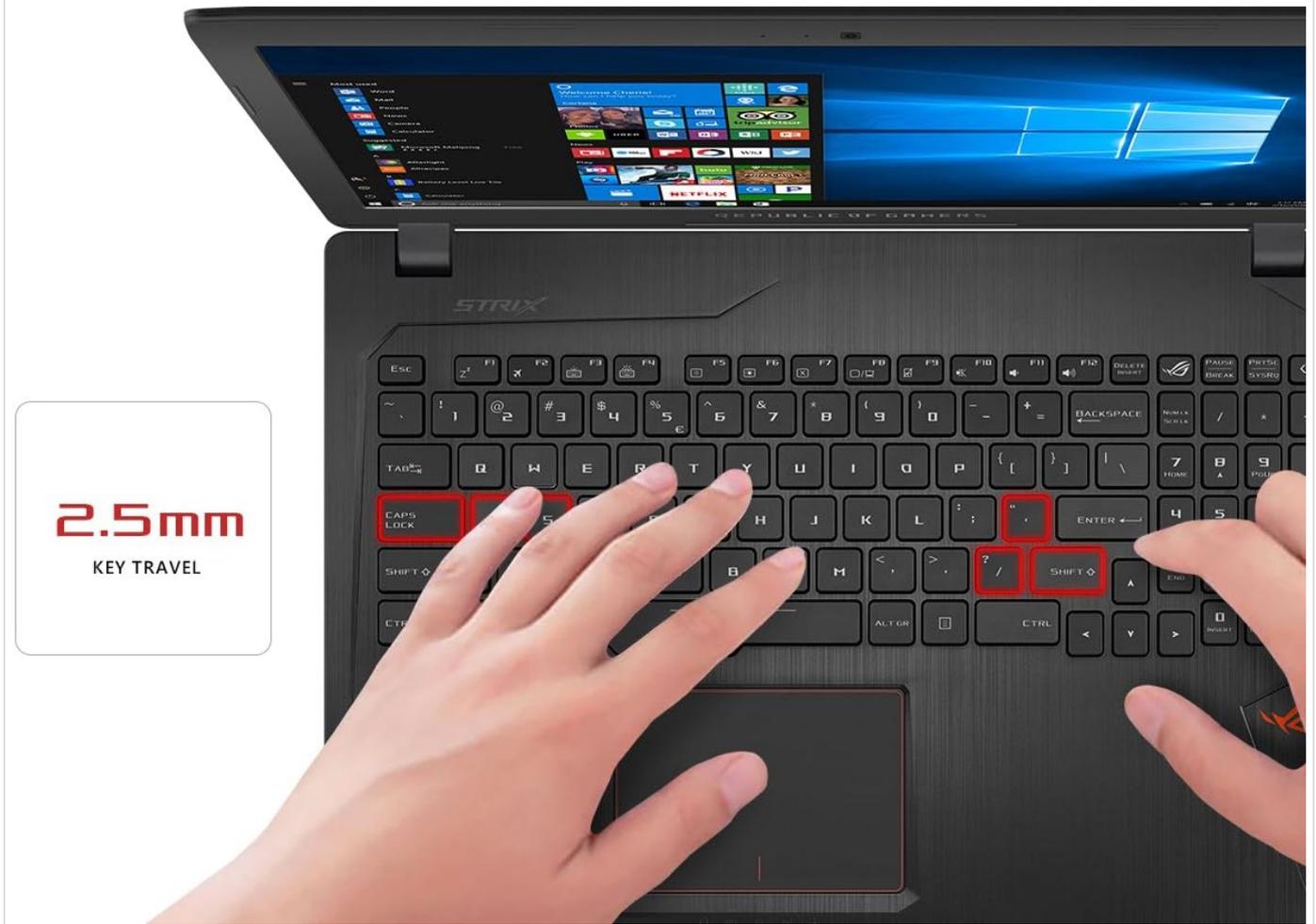


Image: The laptop features a large 1TB HDD and 16GB DDR4 RAM.

## 3.5 Connectivity

The GL553VE offers comprehensive connectivity options, including 802.11ac 2x2 WiFi for superior bandwidth and stability, Bluetooth 4.0, a reversible USB Type-C Gen 2 port, two USB 3.0 ports, and one USB 2.0 port.



Image: The laptop provides extensive connectivity options, including a USB Type-C port.

## 4. MAINTENANCE

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### 4.1 General Cleaning

To maintain the laptop's appearance and functionality, regularly clean the screen and chassis. Use a soft, lint-free cloth for the screen. For the chassis, a slightly damp cloth can remove smudges and dust. Avoid harsh chemicals or abrasive materials.

### 4.2 Battery Care

The laptop's battery provides up to 5 hours of usage. To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. For long-term storage, charge the battery to about 50-60% and store the laptop in a cool, dry place.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your ASUS ROG Strix GL553VE laptop.

### 5.1 Screen Issues (Light Bleed)

Some users may observe minor light bleed, particularly during dark screen displays or boot-up. While often within manufacturing tolerances for IPS panels, if the light bleed is significant or affects your usage, consider contacting ASUS support for evaluation.

### 5.2 Overheating and Fan Noise

During intensive tasks like gaming, the laptop's fans may become audible as they work to dissipate heat. If you experience excessive heat, especially around the WASD keys, or unusually loud fan noise even during idle periods, ensure the vents are clear of obstructions. Consider using a cooling pad for extended gaming sessions. Persistent issues may indicate a need for professional inspection.

### 5.3 Unexpected Shutdowns

If the laptop unexpectedly shuts down, especially during high-load operations, it could be a thermal protection mechanism. Ensure proper ventilation and check for any software conflicts or driver issues. If the problem persists, particularly when connected to power, it may indicate a power supply or internal component issue requiring service.

### 5.4 Keyboard Layout Adjustments

The keyboard layout, particularly around the numpad and right shift key, may differ from other laptops. Familiarize yourself with the layout. For specific keys like Home, PgUp, PgDn, and End, you might need to toggle NumLock or use function key combinations. Refer to the quick manual for specific key functions.

## 6. SPECIFICATIONS

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Feature	Specification
Standing screen display size	15.6 Inches
Screen Resolution	1920 x 1080 pixels
Max Screen Resolution	1920x1080 Pixels
Processor	2.8 GHz Intel Core i7-7700HQ
RAM	16 GB DDR4
Memory Speed	2400 MHz
Hard Drive	256GB SATA SSD + 1000 GB HDD
Graphics Coprocessor	NVIDIA GeForce GTX 1050 Ti
Graphics Card Ram Size	4 GB
Wireless Type	802.11ac 2x2 WiFi
Number of USB 2.0 Ports	1
Number of USB 3.0 Ports	2
USB Type-C	1 (Gen 2)

Feature	Specification
Average Battery Life	Up to 5 Hours
Operating System	Windows 10
Item Weight	5.5 pounds
Product Dimensions	30 x 21 x 6 inches
Color	Black
Optical Drive Type	DVD+RW

## 7. WARRANTY AND SUPPORT

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Your ASUS ROG Strix GL553VE laptop comes with a manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions, including coverage period and service procedures. For additional support, consult the Quick Manual or visit the official ASUS support website.