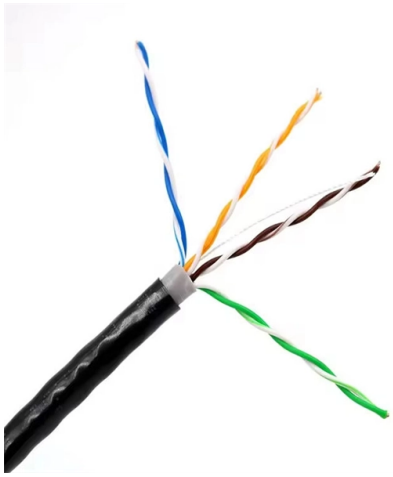
Which optical switch is the best



Overview

This buyer''s guide for optical switches provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Key Takeaways

The best optical switches include Gateron Optical Silver, Razer Optical Red, and Corsair OPX, each offering unique features tailored for gaming and typing experiences.

Top Recommendations for Optical Switches

Gateron Optical Silver: Type: LinearActuation Force: 45gTravel Distance: 1.8mm actuation, 3.6mm totalFeatures: Known for its smooth and consistent keypress, making it ideal for gaming. It offers a solid actuation force and is designed for quick keypresses, although it may not be the best for typing due to its lightness, which can lead to accidental presses. Razer Optical Red: Type: LinearActuation Force: 45gTravel Distance: 1.2mm actuation, 3.5mm totalFeatures: Offers a fast actuation point and is designed for gamers who prioritize speed.

The Razer Optical Red switches are known for their low latency and smooth operation, making them a popular choice for competitive gaming.

Corsair OP

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X: Type: LinearActuation Force: 45gTravel Distance: 1.0mm actuation, 3.2mm totalFeatures: These switches are ultra-fast and precision-designed for gaming, providing a short travel distance that enhances responsiveness. They are ideal for gamers looking for a quick and reliable switch. Gateron Optical Brown: Type: TactileActuation Force: 55gTravel Distance: 2.0mm actuation, 4.0mm totalFeatures: Offers a tactile bump for feedback, making it suitable for both gaming and typing.

These switches are factory-lubed for a smoother experience and are a good all-rounder for mixed use. Razer Clicky Optical: Type: ClickyActuation Force: 45gTravel Distance: 1.5mm actuation, 3.5mm totalFeatures: Provides a satisfying click sound and tactile feedback, making it great for users who enjoy auditory feedback while typing or gaming.

Conclusion

When choosing the best optical switch, consider your primary use case—whether it's gaming, typing, or a mix of both. Each switch type offers different benefits, so selecting one that aligns with your preferences will enhance your overall keyboard experience.

Article Content

15 best optical switches for your keyboards (Expert tested and

This buyer''s guide for optical switches provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Optical Switch Comparison 2026

On this page, you''ll find all the optical mechanical switches we''ve reviewed—organized by type, feel, and specs—so you can find the right switch for your setup.

7 Key Steps to Choose an Optical Switch in 2025

Discover what makes an optical switch essential. Compare types, specs, and use cases for high-bandwidth networks. Get expert, clear guidance now.

Optical Switch: Complete Guide to Types, Technology & Market Trends

OCS (Optical Circuit Switch) is an all-optical switching fabric that establishes dedicated, transparent light paths between input and output ports by physically reconfiguring mirror arrays.

Our 10 Best Optical Switches for 2025 | OneClearWinner

Compare and review the 10 best Optical Switches for 2025 at OneClearWinner . Find top-rated picks with detailed insights to help you choose the perfect one for you!

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Optical vs Mechanical vs Magnetic Switches: 2026 Guide

Optical switches actuate faster and last longer, making them best for competitive gaming on a budget. Mechanical switches feel better, cost less, offer more variety, and are easier to mod,

What Are Optical Switches and How Do They Work?

Optical switches redirect light signals without converting them to electricity. Learn how they work, their types, and why they matter for modern networks.

18 Optical Switch Manufacturers in 2026

This section provides an overview for optical switches as well as their applications and principles. Also, please take a look at the list of 18 optical switch manufacturers and their company rankings.

Top 5 Best Optical Switches (Recommended (2026))

Optical switches offer a modern and efficient alternative to traditional mechanical switches. Their unique mechanism of operation, characterized by light-based detection, lends to benefits like reduced

Best Optical Switch Gaming Mice 2026

Best Optical Switch Gaming Mice for Competitive Play The top optical switch mice for 2026 come from brands like Razer, Glorious, and ROCCAT, all offering sub

How to choose which keyboard switch is right for you:

How to choose which keyboard switch is right for you: Optical (Image credit: Alberto Garcia Guillen / Shutterstock) Optical switches can be found in

Optical vs. Mechanical Switches: Which One''s Better?

Optical switches have quicker response times and better durability, but neither is important enough to overcome the advantages mechanical

Optical vs Mechanical Switches: Which to Choose

Mechanical Switch Keyboards No products found. Optical Switch Keyboards No products found. Mechanical Switch Manufacturers The list is endless when it comes to brands that

The 7 Best Mechanical Keyboard Switches of 2026

We recommend the Gazzew Boba U4T as the best keyboard switch for most people. It has a short pre-travel and a strong, rounded tactile bump throughout its whole travel.

The 6 Best Mechanical Switches For Gaming of 2026

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The Cherry MX Speed Silver switches are the best linear option for gaming and the best keyboard switches for gaming we''d recommend to most people overall.

Optical vs Mechanical Switches: Which is Right for You?

How do mechanical and optical switches work? And key differences between optical and mechanical switches. Learn about their actuation

Hall Effect vs. Optical: What Mechanical Keyboard Switches Should

Not only do we have different types of mechanical switches, but switches based on entirely different mechanisms are now also making waves in the market. Two such switches are hall

Optical vs Mechanical vs Magnetic Switches: 2026 Guide

Optical switches are faster. Mechanical switches feel better. Magnetic Hall Effect switches do both. Full comparison with real speed data, sound

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