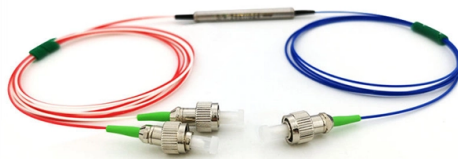


# How much does a power-efficient enterprise-grade optical router cost under warranty



## AI Overview

Enterprise-grade optical routers with power-efficient designs typically cost between \$595 and several thousand dollars, depending on brand, model, and features, with warranty included. Pricing Overview For entry-level enterprise routers, such as the Cisco Meraki MX Series, prices start around \$595 and include cloud management and basic warranty coverage. Mid-range models from Juniper SRX Series or Cisco Catalyst 8000 Series generally start at a few thousand dollars, offering advanced security, SD-WAN support, and modular scalability. High-end routers like the HPE HSR6800 Series or fully modular Cisco and Huawei models can cost \$10,000 or more, depending on throughput, interface density, and optical capabilities. Warranty and Support Most enterprise routers come with at least a 1-year warranty, often extendable to 3-5 years with service contracts. Warranties typically cover hardware defects, and many vendors offer software updates, technical support, and replacement services. Some providers, like ServerBasket, also offer price-match guarantees and bulk discounts for multiple units. Power Efficiency Considerations Modern enterprise routers often include PoE (Power over Ethernet) support, energy-efficient processors, and optimized cooling systems to reduce operational costs. Devices like the hEX PoE lite provide PoE directly through Ethernet ports, eliminating the need for additional injectors and improving energy efficiency. Choosing routers with energy-efficient designs can significantly reduce electricity costs in large-scale deployments. Brand and Model Options Cisco: Catalyst 8000 Series, Meraki MX Series Juniper: SRX Series Huawei: AR3200 Series HPE: HSR6800 Series Arista/Brocade: High-performanc...

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The upfront 10GbE enterprise router price includes the chassis, power supplies (AC or DC, often 1+1 or N+1 redundant), fan trays, and a base routing engine. However, port density

## Contact Us

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