



End-of-Sale and End-of-Life Products /

Cisco 7600 Series Routers

NOTE: This product is no longer being sold.

View the End-of-Life Notice to learn:

- End-of-sale and end-of-life dates
- What replacement products are available
- Information about product support

Announcement

Cisco Innovates with Carrier Ethernet

Cisco enhances the IP Next-Generation Network (IP NGN) Carrier Ethernet Design, powering the Connected Life in the zettabyte era.

» [Learn More](#)

Dynamic Personalized IP Services at the Network Edge

Compare Models

Deploy high-performance IP/MPLS features as well as scalable personalized IP services at the network edge, improve operational efficiency, and maximize return on network investments with the Cisco 7600 Series Router.

The Cisco 7600 Series is the industry's first carrier-class edge router to offer integrated, high-density Ethernet switching, carrier-class IP/MPLS routing, and 10-Gbps interfaces, benefiting enterprises and helping enable service providers to deliver both consumer and business services over a single converged Carrier Ethernet network.

Important Features:

- High performance, with up to 720 Gbps in a single chassis, or 40 Gbps capacity per slot
- A choice of form factors purpose-built for high availability
- Cisco I-Flex design: A portfolio of shared port adapters (SPAs) and SPA interface processors (SIPs) that controls voice, video, and data experiences
- Scalable and extensible suite of hardware and software capabilities to enable intelligent Carrier Ethernet services
- Integrated Video Call Admission Control with innovative visual quality of experience for both broadcast and video on demand (VoD)

- Intelligent Services Gateway, providing scalable subscriber and application awareness with multidimensional identity capabilities and policy controls
- Integrated Session Border Control with quality of experience in both Session Initiated Protocol (SIP) and non-SIP applications

Applications:

- Carrier Ethernet: Aggregation of consumer and business service
- Ethernet services edge: Personalized IP services
- Wireless mesh networking and mobility service convergence
- IP/MPLS provider edge routing
- Enterprise WAN aggregation
- Headquarters core routing

To learn more about the Cisco 7600 Series Router, visit the [Relevant Interfaces and Modules page](#).

Featured Content

Current Analysis -- Cisco 7600 a Perfect 5 Star Rating (PDF - 537 KB)

Current analysis rating the 7600 router as the premiere router for CE and EDGE networks.

Large U.S. Provider Maintains Ethernet Leadership

Cisco Carrier Ethernet switching technology helps tw telecom (formerly Time Warner Telecom) gain market share.

Swiss Service Provider Gains Ethernet Market Leadership

Swisscom maintains leadership, gains service flexibility, with high-speed converged MPLS core and Ethernet metro rings.

Product Review: User Provides Feedback

Read a review of the Cisco 7600 Series Routers written by a member of the Networking Professionals Connection community to learn about his or her experiences with selection, implementation, and use.

Featured White Papers

[Integrated Video Admission Control for the Delivery of Quality Video Experience](#)

[Reap the Benefits of Ethernet OAM](#)

Product Support Services

Cisco's Services can help you increase operational efficiency, lower support costs, and improve availability risk management.

Services Portfolio

Service Finder

Warranty Finder

Additional Resources

Compare Models

Learn about the similarities and differences of the models within this product series.

Data Sheets and Literature

Bulletins

Data Sheets

End-of-Life and End-of-Sale Notices

Q&A

White Papers

Interfaces and Modules

End-of-Sale Models

Cisco 7613 Router

Cisco 7609 Router

Cisco 7606 Router

Cisco 7604 Router

Cisco 7603 Router

Contact Cisco

Chat with Sales

Get a call from Sales

Product / Technical Support

Find a Local Reseller

Training & Certification

Other Countries

Call 1-800-553-6387

Call 1 800 553 3337

US/CAN | 5am-5pm PT

Support

All support information for
Cisco 7600 Series Routers

Support Documentation And Software

Related Links

Solutions

IPTV Solutions for Wireline Carriers

Related Tools

Cisco Feature Navigator

Cisco Power Calculator

Service Finder

NEWS & EVENTS

About Us

Contact Us

Work with Us

Cisco Sites

Contacts

Feedback

Help

Site Map

Terms & Conditions

Privacy

Cookies

Trademarks
