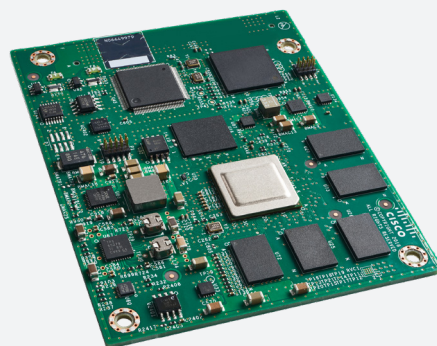


Cisco ESR6300 Embedded Series Router

A Gigabit embedded router that's ready for action

The next-generation Cisco ESR6300 Embedded Series Router solves critical size, weight, and power challenges inherent in mobile environments. Powered by Cisco IOS XE, the ESR6300 provides deep visibility into user, application, and device behaviors, allowing you to qualify and securely deploy services more quickly. The ESR6300 is designed to integrate with partner solutions, enabling highly secure data, voice, and video communications with stationary and mobile network nodes in extreme, harsh environments.



Cisco ESR6300 Embedded Series Router

Benefits

Why the ESR6300?



Gigabit throughput to meet the rapid growth of data and video streams



Reliable operation in extreme temperatures, shock, and vibration



Secured with Cisco® trustworthy systems



Easy to integrate into compact solutions due to its size, weight, and power



Modular options to fit customer-specific solutions



Feature-rich platform with next-generation, modern Cisco IOS XE



Scalable with simplicity and unified management using Cisco DNA Center and Cisco Software-Defined WAN

What is the ESR6300?

The Cisco ESR6300 is designed for embedded applications requiring low power, small size, and ruggedization.

- Two models: A conduction-cooled model and a model with no cooling plate
- Compact, with a board size of 3.0 x 3.775 in. (76.2 x 95.885 mm)

ESR6300 board:

- 2 combo Gigabit Ethernet WAN ports
- 4 Gigabit Ethernet LAN ports, with a PoE and PoE+ ready architecture
- EIA-232 and USB console
- Common +3.3VDC and +5VDC power inputs
- Advanced next-generation Cisco IOS XE Software
- Low power – 12W for the board

Learn more

Visit [Cisco.com/go/esr6300](https://www.cisco.com/go/esr6300)

How can you use the ESR6300?

Defense and aerospace

Deploy ESR6300s to build advanced tactical networks that provide highly secure and reliable high-speed connectivity. Deliver highly secure broadband for voice, video, and data communication. Integrators can use the ESR6300 in the communication systems of military hardware in vehicles, aircraft, helicopters, drones, and ships.

Oil and gas

Oil and gas companies need to monitor and analyze data from some of the harshest and most remote environments in the world. Use the ESR6300 to build reliable networks that can monitor high-value assets and collect data for real-time data analysis. Drive efficiency and increase safety while operating in remote and hazardous locations.

Transportation

Install the ESR6300 in locations where your applications require high-quality voice, video, and data connectivity: in trains, commercial airplanes, and manned, unmanned, and self-driving vehicles. Integrators can build routers with custom interfaces and the right level of mechanical ruggedization – ingress protection, temperature, and shock vibration – depending on application needs.

Why Cisco IoT?

Cisco brings decades of leadership in networking to industrial and mobile environments. A rich ecosystem of embedded products deployed today facilitates the development of new systems that work transparently with existing network infrastructure.