

Cisco Edge 300 Series



Overview

The Cisco® Edge 300 Series Switch is an integrated, all-in-one, in-room device that includes wired, wireless, media, and compute capabilities. It meets the needs of next-generation smart and connected rooms by providing a cloud access point combined with in-room device aggregation capabilities. The Edge 300 Series is open and customizable to enable industry-specific solutions and benefits from a significantly lower TCO, with both lower upfront CapEx as well as lower ongoing operating costs.



Changing Market Dynamics Create New In-Room Technology Needs

The emergence of cloud computing to reduce cost and required infrastructure creates transformational opportunities for information centralization, growth of applications and data, and software as a service (SaaS).

The proliferation of devices, including tablets, mobility, smart devices, machine to machine (M2M), and collaboration services, creates a need for solutions to manage the “chaos” of in-room technology deployments.

Transformations in specific market segments, including digital classrooms, remote healthcare, and next-generation retailing and hospitality, are disrupting business models and creating additional IT needs.

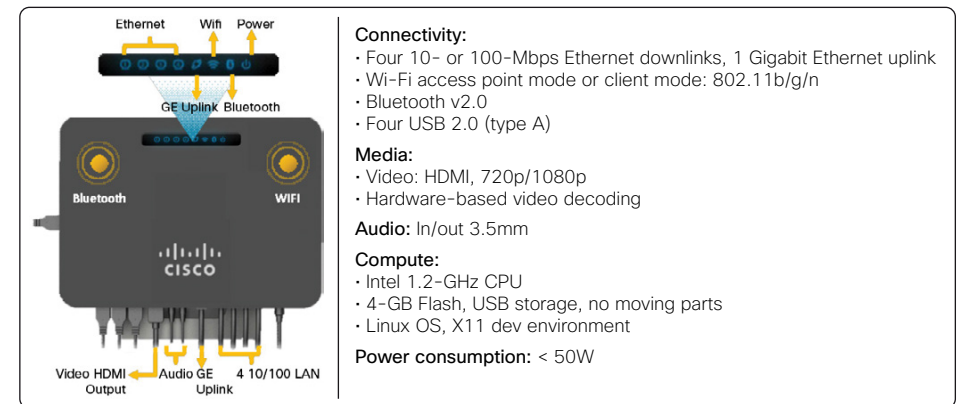
How Will the Cisco Edge 300 Meet My Needs for In-Room Technology?

- Meet the transformational challenge of making multimedia accessible through the cloud by using network-accessible local compute resources. The Cisco Edge 300 Series open Linux platform can operate cloud-deployed applications

- Reduce the complexity of connecting and using proliferating in-room networked devices, including phones, tablets, PCs, TVs, printers, and other accessories
- Resource-constrained IT teams can effectively deploy and manage the Cisco Edge 300 Series with simplified management and provisioning

Figure 1 shows the Cisco Edge 300 Series and its features.

Figure 1. Features of Cisco Edge 300 Series



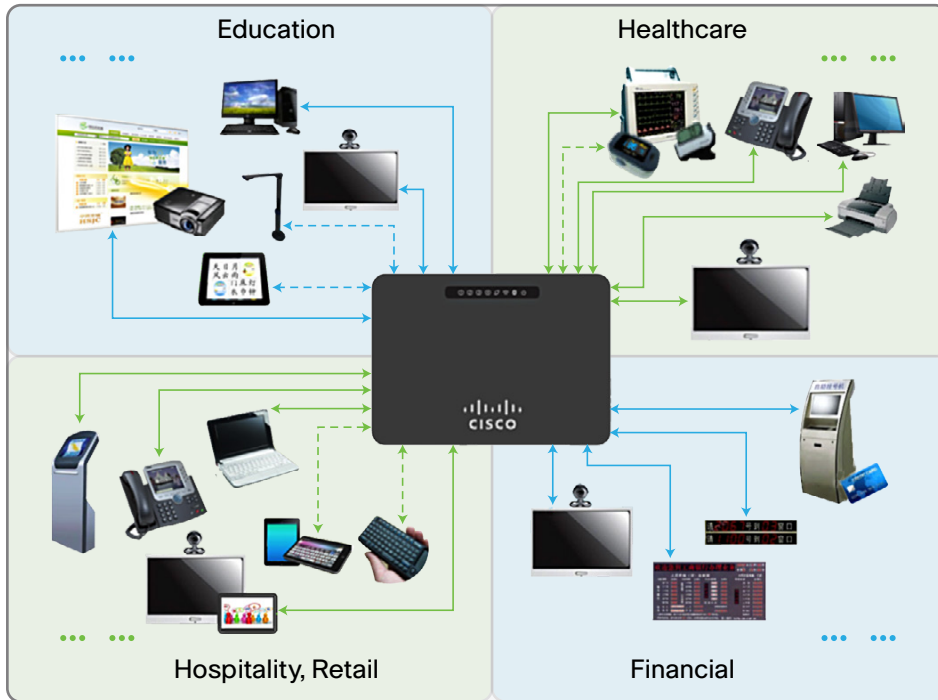
Use Cases

The open Linux architecture of the Cisco Edge 300 Series is flexible: it can be customized for several use cases across different industries, including education, healthcare, hospitality, retail, and financial services. Integrated LAN, wireless access points, interactive multimedia, and compute capabilities provide last-mile access for many devices that are vertical-specific.

Figure 2 shows the Cisco Edge 300 connecting to network-attached devices and multimedia peripheral devices in a variety of vertical industry use cases. The Cisco Edge 300 provides all-in-one connectivity for devices such as phones, tablets, PCs, monitors, printers, smartboards, and other accessories.



Figure 2. Cisco Edge 300 All-in-One Connectivity



Advantages of Cisco Edge 300 Series

Open Source

The ability to integrate an ecosystem of application partners opens the value of Cisco Edge 300 Series to IT managers and end users. The Edge 300 Series already supports many applications authorized by Cisco, including WebEx®, Flash Player, Mosaic Display, and Smart Install, as well as many other open source platforms and drivers. Integration with partner solutions further enhances the value of the Edge 300 Series application environment to customers.

Provisioning and Management

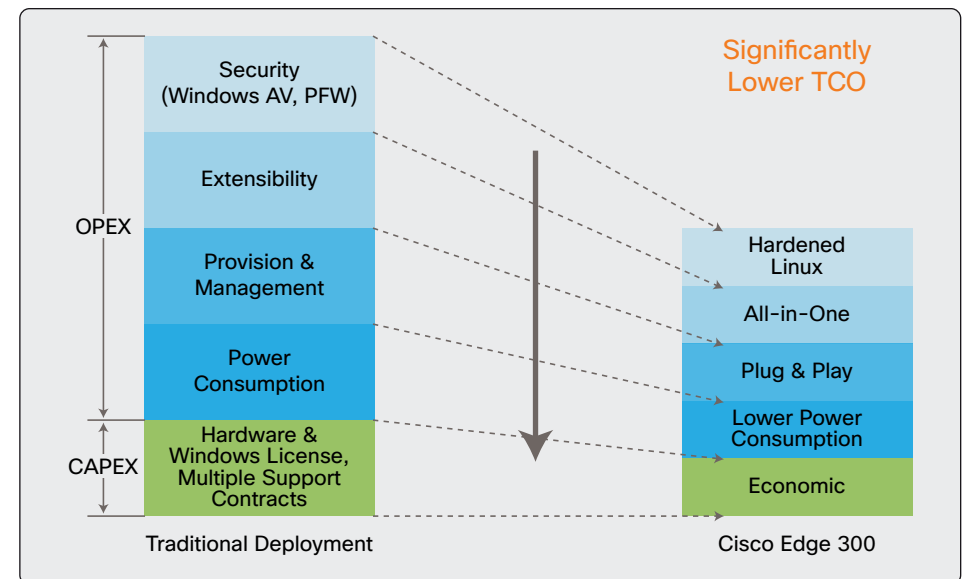
In addition to the robust capabilities of the Cisco Edge 300 Series, it can be deployed and managed through Cisco Smart Install. Cisco Smart Install helps enable zero-touch deployments and maintenance for the Edge 300 Series.

This helps simplify wide-scale, cost-effective deployments and maintenance for hundreds, thousands, and even tens of thousands of units, with significantly less dependence on field IT professionals. Additionally, web-based GUI enable customers to remotely configure, manage and troubleshooting Edge 300.

Lower TCO

A notable advantage of the Cisco Edge 300 Series is the significant cost savings on both front-end costs and ongoing operating costs (Figure 3). The all-in-one feature set of the Edge 300 Series reduces the need to procure and support a switch, access point, and PC. Its Linux-based operating system significantly reduces the additional costs associated with closed platforms. The easy-to-use provisioning and management can reduce the need for costly IT field support staff and resources. Finally, overall power consumption costs can be significantly reduced, particularly in large deployments of the Cisco Edge 300 Series.

Figure 3. Lower TCO with Cisco Edge 300 Series



For More Information

Visit: www.cisco.com/go/cisco_edge_300.