

Cisco Edge 340 Series



The Cisco® Edge 340 Series is a next-generation platform for vertical and enterprise connected room deployments that provide rich media enablement capabilities and vertical-specific application supporting capability. It integrates rich connectivity to enable all the essential components of a digital connected room experience with Ethernet LAN uplink, wireless access, rich media, and application computing. It is also an open application platform that allows partners and customers to easily customize it to enable various vertical solutions.



Wireless

Non-Wireless

Trends and Needs

The quick evolution of cloud computing and approaching big data era are becoming more important to accelerate the industry's IT infrastructure transferring from traditional parse and low-efficiency mode to centralization and cloud mode. More cloud-based vertical applications are introducing and deploying in different verticals that heavily rely on support from network and virtualized cloud resource centers.

The continuous evolution of customer needs and new cloud-based deployment mode result in the quick proliferation of in-room devices, including tablets, mobility, smart devices, machine to machine (M2M), and collaboration services, creating 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. They need a new platform that can combine application and new business mode and network together closely to facilitate this transformation and reduce total costs.

How Can Cisco Edge 340 Help Customers?

- Meet the transformational challenge of enabling and deploying cloud applications easily and quickly through its open architecture. The Cisco Edge 340 is a Linux-based open platform with powerful local computing and multimedia capabilities and manageability that facilitate customers and partners to enable and deploy new vertical applications.
- Reduce the complexity of connecting and using proliferating in-room networked devices, including phones, tablets, PCs, TVs, printers, and other accessories, by its rich connectivity of wired, wireless, and multimedia.
- Lower TCO with purpose-built appliance design with long-lifecycle embedded chipset, compact fan-less design, and low power consumption.

Cisco Edge 340 Briefing

Compute and Storage	
CPU	• 1.60 GHz dual-core
Memory	• 2.0 GB DDR3 memory
Storage	• 32 GB built-in Flash, One SD slot (multi-level cell [MLC] SD card highly preferred)
Interface	
Video	• One HDMI (v1.3a) and One VGA
Audio	• Audio in and out (3.5mm, jack)
Ethernet Uplink	• One 10/100/1000Mbps Ethernet
USB	• Four USB2.0 interfaces (Type A)
Wireless	• 802.11a/b/g/n, dual-band, both access-point and client modes (available only on wireless SKU)
Bluetooth	• Bluetooth v4.0 (available only on wireless SKU)
RS232	• One (DB-9, male)
Console	• One (RJ-45)
Infrared	• Built-in receiver, One extender interface (3.5mm jack), IR remote (optional, max distance is 15 ft./4.57m)

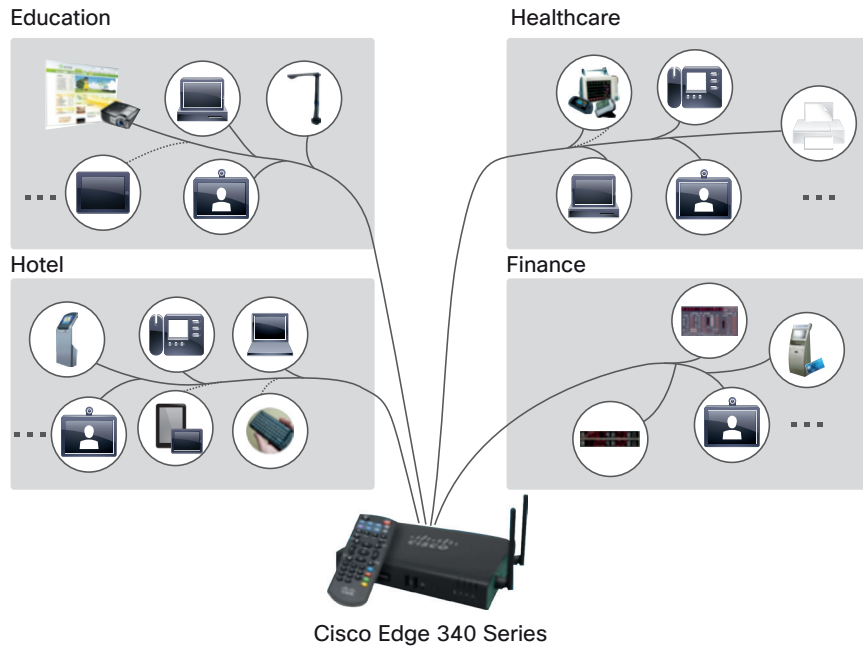
- All-in-one: combine wired, wireless, computing, and multimedia capabilities
- Open architecture: Linux based with open API for customization of vertical applications
- Green: low power consumption, long lifecycle
- Low TCO



Use Cases

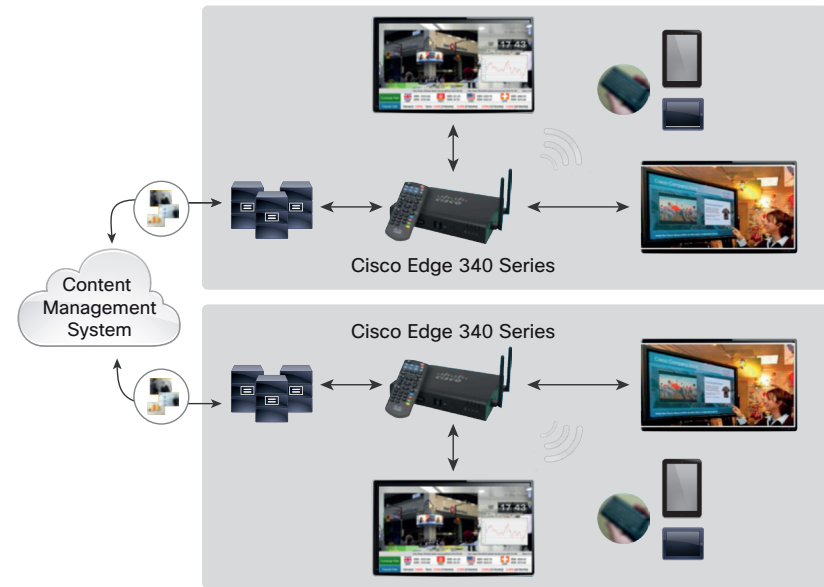
Cloud Access Platform of Verticals

The open Linux architecture of the Cisco Edge 340 Series is very flexible. Partners and customers can customize it to enable different use cases for different verticals, including education, healthcare, hospitality, retail, and financial services. Typically, in education, it can enable cloud-based learning and wireless-based interactive teaching; in healthcare, it can support telemedical, training, and so on.



Digital Signage Hardware Platform

The Cisco Edge 340 provides powerful multimedia capability, including dual video interfaces, dual HD video streams, and graphic hardware acceleration, so it can act as a high-performance HD hardware platform to deliver reliable digital signage solutions through collaborating with a third-party content management platform.



For More Information

For more information about the Cisco Edge 340 Series, visit Cisco.com or contact your local Cisco account representative.