Cisco Unified Edge



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Q: What did Cisco announce for Cisco Unified Edge on June 2, 2026?

A: Cisco announced the Cisco 8255 Secure Router Node for Unified Edge and Cisco Compatible AI Solutions.

Q: What is the Cisco 8255 Secure Router Node?

A: The Cisco 8255 Secure Router Node is a modular networking component designed for integration within the Cisco Unified Edge architecture. It is housed inside the Cisco UCS XE9305 Chassis, a platform engineered to support high-performance edge computing and networking. As an AI-ready, software-defined solution, the 8255 integrates flexible connectivity, robust platform-level security, and SD-WAN capabilities to support enterprise AI workloads and simplify IT management. Each secure router node is 1RU and a half-width module that converges LAN, WAN, and security with the compute power of the Cisco Unified Edge. Up to two secure router nodes can be housed within a single Cisco UCS XE9305 Chassis.

Q: When will the Cisco 8255 Secure Router Node be orderable?

A: It will be orderable in September of 2026.

Q: What is the port configuration of the Cisco 8255 Secure Router Node?

A: The Cisco 8255 Secure Router supports fourteen 1G ports with PoE support (30W), four 2.5Gb mGiG ports with UPoE support (90W), and two 10G SFP ports.

Q: What are the use cases for Cisco Unified Edge?

A: The Cisco Unified Edge solution supports a wide range of use cases across various industries by enabling real-time data processing closer to the source. Some common use cases include:

- **Manufacturing and industrial IoT:** Edge computing supports real-time monitoring and control of machinery, predictive maintenance, and quality assurance, enhancing operational efficiency and reducing downtime.
- **Retail:** In-store analytics, personalized customer experiences, and inventory management are improved through edge computing, allowing retailers to process data quickly and respond to customer needs in real-time.
- **Healthcare:** Edge infrastructure enables remote patient monitoring, telemedicine, and real-time analytics of medical data, improving patient care and operational efficiency.
- **Financial/banking:** Edge computing supports bank analytics, fraud detection, branch office experience delivery, and security.

Q: What are Cisco Compatible AI Solutions?

A: Cisco Compatible AI Solutions are a strategically evaluated and selected ecosystem of third-party AI software solutions that have performed compatibility testing on Cisco AI infrastructure. Cisco Compatible AI Solutions is a new designation for Developer solution partners within the Cisco Partner 360 Program that validates their interoperability with Cisco AI infrastructure.

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Q: Why Cisco Compatible AI Solutions?

A: Cisco Compatible AI Solutions gives customers and channel partners the confidence to unlock new AI use cases, knowing they are building on a strategically chosen ecosystem of AI software partners that have tested for compatibility with Cisco AI infrastructure. Cisco Compatible AI Solutions AI offer significant benefits by providing:

- **Access to a Curated Ecosystem:** Simplify your search with a strategically evaluated and selected catalog of vetted AI solution partners from Cisco, eliminating the guesswork and fragmentation of the current AI software market.
- **Deployment Confidence:** Leverage compatibility and scaling testing from Cisco to minimize integration friction and reduce operational risks.
- **Accelerated Time-to-Value:** Empower teams to quickly deploy AI solutions across core to edge, speeding up the rollout of critical business initiatives.

Q: What did Cisco previously announce for Cisco Unified Edge on March 16, 2026?

A: Cisco announced the Cisco UCS XE150c M8 Compute Node. The Cisco UCS XE150c M8 is a Two-Rack-Unit (2RU), half-width compute node; up to two Cisco UCS XE150c M8 Compute Nodes can be housed inside a Cisco UCS XE9305 Chassis. Powered by the Intel ® Xeon ® 6 SoC processors with Performance-cores (P-cores) and with support for full-height/full-length GPUs such as the NVIDIA RTX PRO 4500 Blackwell Server Edition GPUs, NVIDIA RTX PRO 6000 Blackwell Server Edition GPUs, and NVIDIA L40S. The Cisco UCS XE150c M8 offers industry-leading flexibility at the edge, supporting a wide range of accelerators enables the Cisco UCS XE150c M8 to run a wide range of AI workloads and use cases.

Q: When will the Cisco UCS XE150c M8 Compute Node be orderable?

A: It will be orderable in Q3CY2026.

Q: What are the key components for Cisco Unified Edge?

A: Cisco Unified Edge is made up of the following items:

- Cisco UCS XE9305 Chassis
  - A. Three-Rack-Unit (3RU) form factor
  - B. Five front-facing flexible slots for compute and networking nodes
  - C. Two Cisco Unified Edge Management Controllers
- Cisco UCS XE130c M8 Compute Node
  - A. Intel Xeon 6 SoC Processor - 12/20/32 Core options
  - B. Up to 768 GB of memory
  - C. Up to 120TB with 4 NVMe E3.S Drives
  - D. Up to two M.2 SATA drives with HW RAID
  - E. GPU Support: One GPU with 1xHH/HL PCIe G5 slot
- Cisco UCS XE150c M8 Compute Node
  - A. Intel Xeon 6 SoC processor – 20/32-core options
  - B. Up to 1,024 GB of total memory
  - C. Up to 120 TB with 4 NVMe E3.S Drives
  - D. Up to two M.2 SATA drives with HW RAID
  - E. GPU Support: FH/FL GPU – NVIDIA RTX Pro 4500 and L40S

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- Cisco 8255 Secure Router Node
  - A. Support for up to two nodes per chassis
  - B. Fourteen 1G ports with PoE support (30W)
  - C. Four 2.5Gb mGiG ports with UPoE support (90W)
  - D. Two 10G SFP ports
- Cisco Intersight®
  - A. SaaS-based infrastructure lifecycle management

Q: What capabilities will Intersight provide for Cisco Unified Edge?

A: Easy onboarding:

- Remote server launch requiring no on-site IT staff
- Zero-touch provisioning with consistent, repeatable workloads that automatically at scale across multiple sites

Global fleet visualization:

- Inventory and health of all data center and edge infrastructure in one place
- Cross-domain visibility (compute/networking)

Automated lifecycle management:

- Schedule, automate, and deploy configuration updates
- Configuration conformance reporting and updates

Q: Which observability features are available with Cisco Unified Edge?

A: Cisco Unified Edge offers robust observability capabilities, including:

- **Intersight plug-in for Splunk®:** Transforms machine data such as logs, metrics, and events into actionable insights. This integration provides real-time visibility and analytics across your global server environment, enabling rapid identification and resolution of issues.
- **ThousandEyes®:** Delivers end-to-end visibility into both network and application performance. With proactive monitoring, you can detect and resolve problems before they affect user experience, ensuring digital experience assurance.

Q: What is the form factor for Cisco Unified Edge?

A: The dimensions are: 19 inches wide, 3 rack units high, 18 inches deep (not including bezel). Chassis has multiple mounting options, including 4-post racks, 2-post racks, foldable mounting brackets for vertical mount (e.g., against a wall) or horizontal mount (e.g., on a flat surface), and feet for vertical positioning on a horizontal surface (like a tower server).

Q: Does the chassis include a bezel?

A: Yes, an optional locking bezel is available to provide physical security and air filtration

Q: What are the chassis power requirements?

A: Chassis has two hot-swappable redundant AC power supplies, each providing 2400W at high line input of 220V, or 1300W at low line input of 120V. Power supplies are front serviceable. The chassis can be configured to support 3200W power supplies to support Cisco UCS XE150c M8 Compute Nodes with GPUs.

Q: What is the Cisco UCS XE130c M8 Compute Node?

A: The XE130c is a One-Rack-Unit (1RU), single-slot, one-socket server supporting Intel Xeon 6 SoC Processor.

Q: What is the Cisco UCS XE150c M8 Compute Node?

A: The XE150c is a Two-Rack-Unit (2RU), single-slot, one-socket server supporting Intel Xeon 6 SoC processor with support for a full-height/full-length GPU such as the NVIDIA RTX Pro 4500 Blackwell Server Edition GPUs, NVIDIA RTX Pro 6000 Blackwell Server Edition GPUs, and L40S.

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Q: What specific processors are supported in the Cisco UCS XE130c M8 and Cisco UCS XE150c M8 compute nodes?

A: The Intel Xeon 6 SoC processor. The Cisco UCS XE130c M8 Compute Node supports one Intel® Xeon® 6 SoC with 12, 20 or 32 physical cores. The Cisco UCS XE150c M8 Compute Node supports one Intel® Xeon® 6 SoC processor with 20 or 32 physical cores.

Q: How many cores do the Intel Xeon 6 SoC processor support?

A: The Intel Xeon 6 SoC processor supports from 10/20/32 cores, depending on the model.

Q: What are some of the benefits of the UCS XE130c/XE150c M8 compute nodes?

A: The Cisco UCS XE130c/XE150c M8 empowers organizations to unlock the full potential of their edge data by providing a modular, high-performance compute foundation that is ready for the next decade of AI innovation. By integrating seamlessly into the Cisco Unified Edge chassis these server nodes reduce operational complexity through zero-touch deployment and SaaS-based management, ensuring that AI and mission-critical applications run reliably and securely.

Q: How much memory is supported?

A: Up to 768 GB of memory with 96G DIMMS in 8 memory DIMM slots for the UCS XE130c and 1,024 GB of memory with 128GB DIMMs for the XE150c M8 compute node.

Q: How many drives are supported?

A: Up to 4 NVMe E3.S Drives supporting up to 120 TB with 30-TB drives.

Please refer to the specification documents for drive details.

Q: How is the Cisco Unified Edge managed?

A: The Cisco Unified Edge chassis and compute nodes are managed through Cisco Intersight Managed Mode (IMM).

Q: Is there GPU support?

A: Yes, the Cisco UCS XE130c M8 compute node supports: 1x half-height/half-length PCIe Gen5 slot dedicated to an optional, 75W GPU (such as the NVIDIA L4). Please refer to the Cisco UCS XE130c M8 Compute Node Data Sheet for specific GPU model support.

The Cisco UCS XE150c M8 Compute Node supports: 1x full-height/full-length PCIe Gen5 slot dedicated to an optional GPU (such as NVIDIA RTX PRO 4500 Blackwell Server Edition GPUs, NVIDIA RTX PRO 6000 Blackwell Server Edition GPUs, and NVIDIA L40S). Please refer to the Cisco UCS XE150c M8 Compute Node Data Sheet for specific GPU model support.

Q: What Infrastructure software will be supported?

A: Infrastructure software for edge environments such as those available from VMware, Nutanix, Red Hat, Intel, and SUSE.

Please refer to the Cisco UCS XE130c M8 Compute Node Data Sheet and the Cisco UCS XE150c M8 Compute Node Data Sheet for specific infrastructure software support.

Q: What are the operational benefits?

A: Cisco Unified Edge simplifies management by providing unprecedented visibility, consistency, and control across highly distributed edge environments. Leveraging SaaS operations, Cisco Unified Edge offers centralized fleet management, policy-based configuration templates, and automated orchestration that simplifies operations and enables zero-touch deployments at a global scale.

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Q: What technologies are utilized in Cisco Unified Edge?

A: Cisco Unified Edge integrates compute, networking, storage, and security into a modular, edge-optimized, AI-ready, and SaaS managed platform. By integrating all these components, edge IT teams can streamline lifecycle and better secure their infrastructure by leveraging platform level compute and networking advanced security capabilities.

Q: What workloads are supported by Cisco Unified Edge?

A: Any standard workload can be supported using Intel® Xeon® 6 SoC Processor. Support for AI inferencing, cloud-native, containerized environments, and virtualized infrastructure ensures that IT teams can efficiently meet evolving workload demands without compromising on performance or efficiency.

Q: What are the security capabilities of Cisco Unified Edge?

A: Security capabilities include comprehensive security for applications and data at the edge with physical, hardware, and policy-based protections to ensure a consistent repeatable security profile.

Plus, multi-layered security capabilities across edge infrastructure, applications, and AI models protect systems, workloads, and data.

- Centrally managed and enforced security policies ensure consistent protection at scale.
- Physical locks and anti-tampering features safeguard devices from unauthorized access.
- Continuous compatibility checks identify issues and provide recommended remediation steps.
- Virtualized threat defense, network segmentation, firewall, visibility, and compliance capabilities (VNF) protect network environments.
- Cisco Firepower® Threat Defense (FTD), AI model protection, and Kubernetes workload defense for modern environments deliver comprehensive security capabilities.

Q: Where can I go to learn more?

A: For more information, visit the Cisco Unified Edge page.

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