Hyperconvergence at the Edge

Designed for Today's Computing Landscape

Complete Hyperconverged Solution
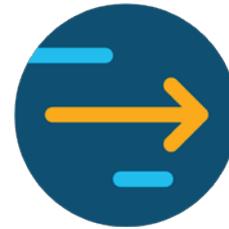
Easy Deployment

Consistent Management Across All Sites

Designed for remote and branch locations

The digital business transformation is shifting the location where computing is performed. Rich new digital experiences need always-on, local, high-performance computing that is close to users. Retail, finance, education, healthcare, transportation, and manufacturing organizations, and remote and branch offices in general, are all pushing computing to the network edge.

Cisco HyperFlex™ Edge brings the robust feature set of Cisco HyperFlex systems to your edge environments with a low-cost, easy-to-deploy, centrally managed solution.

The power of Cisco HyperFlex systems

We designed our hyperconverged solutions to overcome the limitations of first-generation products. Cisco HyperFlex systems deliver an end-to-end software-defined infrastructure that combines computing using Cisco Unified Computing System™ (Cisco UCS®) servers, software-defined storage using the Cisco HyperFlex HX Data Platform, and software-defined networking using Cisco® Unified Fabric.

Cisco HyperFlex Edge

- Reduce cost and minimize complexity
- Support always-on applications
- Shorten deployment time
- Deliver application performance
- Manage remote and branch locations simply and centrally

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Meet your customers at the network edge

Our edge-optimized solution is designed for remote- and branch-office operations. It offers a lower-cost, small-footprint option, with automated management and the full feature set that you expect from Cisco HyperFlex systems:

· Simplified three-node cluster

· Tuned to use existing 1-Gbps network

· Same easy deployment and management for all Cisco HyperFlex systems

Existing gigabit
Ethernet switch

Cluster consists of:
· 3 standalone Cisco HyperFlex HX220c nodes
· Single-CPU option
· 3 or more disk drives
  per node
· 128 GB or more of RAM
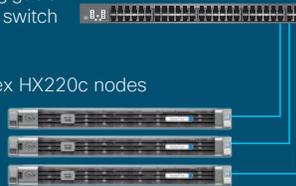
Learn more at cisco.com/go/hyperflex

Designed for the edge

While enterprise applications have been migrating to centralized data centers and to the cloud, the Internet edge has been moving to branch and remote locations closer to user devices and organizational touchpoints.

We designed Cisco HyperFlex Edge to help organizations extend their reach and service customers and employees at their touchpoints. At the edge, computing needs to be powerful, reliable, always on, and able to operate independent of the enterprise data center in the event of any outage. With the reliability built into the Cisco HyperFlex HX Data Platform, even our edge deployments can maintain application and data availability in the face of numerous failure scenarios.

Our edge solution comes with the full power of Cisco HyperFlex systems, but we optimized it to lower its cost and to reduce space consumption. With entry-level configurations, Cisco HyperFlex Edge can be deployed in existing edge locations and even use existing networks for cluster communication. These enhancements make it easy and affordable to deploy as a hyperconverged solution in a multitude of edge locations, or even as the sole cluster supporting a small or medium-size business.

Easy deployment and consistent management

Managing your Cisco HyperFlex Edge deployment is as easy as managing your centralized hyperconverged systems. Our installation wizard provides an automated configuration process that gets you up and running in less than an hour. You can manage your centralized and remote locations through the VMware vSphere plug-in. You also can access all features through the Cisco HyperFlex Connect interface with an HTML 5 presentation layer accessible on desktop and laptop computers and mobile devices. As cloud management solutions emerge, imagine composing your hyperconverged infrastructure through a single interface that accesses hundreds of clusters at once, with support for installation, inventory management, and day-to-day centralized control.

Next steps

Cisco HyperFlex Edge brings the next-generation of hyperconverged solutions beyond your data center and out to the network edge. With access to the same full-featured data platform and management model as you use in your data center systems, extending your reach has never been easier.