



The Hitachi Unified Compute Platform Family with Intel® Xeon® Processors

The Hitachi Unified Compute Platform family, powered by Intel® Xeon® processors, helps increase agility, enhance efficiency, and deliver the performance required for big data



"Hitachi UCP Pro is a unique solution that provided us with an integrated platform from which we could offer flexible yet secure cloud services to our customers."

- Marina Tedone,
Marketing and Alliance Manager,
Accadis

Change has become a constant across a wide variety of industries. To maintain a competitive edge, organizations today need IT solutions that can provide the agility to respond to change and the performance to generate insights from new data sources—all without adding complexity.

Accommodating evolving business needs demands modern, dynamic, and agile IT. IT groups need solutions that can be deployed quickly—in days or weeks, not months.

IT solutions must be able to capitalize on the tremendous potential of big data—the large and fast-growing volume, variety, and velocity of data available to organizations. Those solutions must be able to collect, analyze, store, and efficiently manage that data while conducting analytics and delivering results in real time.

At the same time, many organizations need IT solutions designed to help simplify deployment and streamline ongoing management. Few organizations have the time, money, and expertise to integrate numerous infrastructure components and optimize systems. Going forward, IT groups need to spend less time working on technical details and more time responding to business-driven needs.

Intel and Hitachi Offer Converged Infrastructure, Ready for the Future

The Hitachi Unified Compute Platform (UCP) family of converged infrastructure solutions equipped with Intel® Xeon® processors can help your organization

create a modern, agile IT environment that can rapidly respond to change. These pre-integrated, optimized solutions help reduce the costs and risks of in-house integration while accelerating the provisioning of new services. Outstanding performance enables you to capitalize on the tremendous potential of big data analytics and enable real-time decision making.

The UCP family of solutions is a broad portfolio of converged infrastructure solutions that combine best-of-breed servers, storage, networking, and software management into fully integrated, enterprise-class packages. UCP solutions provide a single platform for a wide range of workloads, with private cloud solutions for VMware vSphere* and Microsoft Hyper-V* hypervisors. Hitachi also offers UCP solutions optimized for specific mission-critical or business-critical workloads, such as Oracle, SAP, end-user computing, and Microsoft applications.

These turnkey, cloud-ready solutions can be deployed quickly and managed easily. Pretested solutions with certified solution stacks help prevent compatibility and support issues. Support for top-tier infrastructure applications helps organizations avoid over-purchasing or over-provisioning unnecessary equipment. An optimized, modular infrastructure helps you solve performance, availability, reliability, and scalability challenges while reducing the total cost of ownership.

Hitachi UCP servers and storage controllers are equipped with processors from the Intel® Xeon® processor E5 and E7 families to deliver the performance for demanding workloads while providing the foundation for a modern, dynamic, and converged infrastructure.

- **The Intel Xeon processor E7 family** delivers ideal performance for the most data-demanding workloads, with improved scalability along with increased memory and I/O capacity. Advanced reliability and security features work to maintain data integrity, accelerate encrypted transactions, and maximize the availability of mission-critical applications.
- **The Intel Xeon processor E5 family** is at the heart of an agile, efficient data center, ready to support more secure private clouds, quickly crunch big data, and extend data center investments through greater energy efficiency.

Enhance Agility, Modernize IT

Hitachi UCP solutions equipped with Intel Xeon processors can help you move from proprietary systems to a modern, industry-standard infrastructure that can deliver the same levels of performance and reliability. Implement virtualized, cloud-based, and service-based environments so you can respond

rapidly to change. Intel Xeon processors offer outstanding performance, memory capacity, and I/O throughput plus hardware-assisted virtualization technologies to help you create powerful yet flexible virtualized environments.

Create a Converged, Intelligent Data Center

Hitachi UCP solutions with Intel Xeon processors bring together servers, storage, networking, and software management in a converged infrastructure that helps accelerate deployment, eliminate integration risks, simplify management, and reduce costs. End-to-end infrastructure orchestration and automation software help streamline management. Intel Xeon processors deliver the performance to support consolidated, virtualized server environments. Intel® Virtualization Technology (Intel® VT) enhances performance and optimizes resource utilization. Intel Xeon processors used in storage controllers facilitate intelligent data movement and tiering, data protection, and storage virtualization.

Capitalize on Big Data

By selecting Hitachi UCP solutions with Intel Xeon processors, you gain the performance and scalability you need

to collect, analyze, and store big data. Servers based on Intel Xeon processors enable big data analysis and real-time decision making. Intel Xeon processors in the storage controllers enable high-speed data movement and efficient storage management for large data volumes. Complete, pre-configured solutions accelerate the time to value.

Take the Next Step

Hitachi UCP solutions with Intel Xeon processors provide pre-configured, converged infrastructure solutions to help you address key business goals, without adding IT complexity. Get the flexibility you need for change and the performance to generate new insights.

Learn more

Hitachi UCP family:
hds.com/products/hitachi-unified-compute-platform/

Intel Xeon processors:
Intel Xeon processor E5 family:
intel.com/content/www/us/en/processors/xeon/xeon-processor-5000-sequence.html

Intel Xeon processor E7 family:
intel.com/content/www/us/en/processors/xeon/xeon-processor-e7-family.html

Hitachi Data Systems

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Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families: Go to [Learn About Intel® Processor Numbers](#)

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