

HP Instant Capacity for HP 9000 and HP Integrity Servers

The goal is agility



Having the right computing capacity on hand at the right time has always been a challenge.

Perhaps your business is rolling out a new long-term initiative. Or it needs to handle increasing general capacity needs. Perhaps that additional capacity might be needed just to meet a short-term condition such as a software or hardware migration effort. In any event, you have to estimate your future capacity requirements and make upfront investments in computing resources.

If you underestimate capacity requirements, your ability to meet service-level objectives is compromised along with your company's ability to meet its business requirements. And if usage doesn't rise to the level of your installed capacity, costs are not in line with revenues and you lose money.

The fact is, forecasting and investing in capacity can be a risky proposition. Now you can minimize that risk with HP Instant Capacity for HP 9000 and HP Integrity Servers. And, at the same time, you can reduce costs and increase the agility of your business.

The HP Instant Capacity for HP 9000 and HP Integrity Servers program builds on the HP Adaptive Enterprise strategy to synchronize business and IT to capitalize on change. By simultaneously driving down IT costs while increasing business agility, HP Instant Capacity gives you the ability to respond rapidly to changes in market conditions or customer demands. With HP Instant Capacity, you can:

- Be responsive to your customers
- Have the power you need when you need it
- Match costs to usage
- Reduce risk

Drive down IT costs. Increase business agility.

Even if you have predictable capacity needs, you don't want to order and pay for systems before you use them. You would prefer a ready-to-run solution so you can turn on the power and satisfy the needs of the business "just in time." The bottom line is that the Instant Capacity model helps reduce the risk inherent in forecast uncertainty.

Here's how HP Instant Capacity increases business agility:

- You can react instantly to business demand spikes because reserve capacity is in your servers before you need it.
- You achieve a better return on investment by delaying payment for that reserve capacity until it is actually needed.
- You have a high-availability benefit because reserve capacity is ready to go in the unlikely event of a processor failure.

How it works

With the Instant Capacity program, capacity is in place, integrated, and ready for use when you need it. You don't pay for it until you use it. What's more, processors can be activated temporarily to meet short-term demand and then deactivated and placed back in reserve. Let HP help you estimate the extra reserve capacity that might be needed. Then order your servers with factory-integrated Instant Capacity CPUs in reserve capacity.

You can choose from three distinct Instant Capacity programs:

Standard Instant Capacity: Deploy a server fully loaded with CPUs, yet pay for only the processors you plan to use on day one. There is just a small charge for the extra CPUs. When your needs change and you require more processing power, you can instantly activate the needed processors with a simple UNIX® command. What's more, you can also benefit from high availability with automatic activation of Instant Capacity processors when CPU failure is detected.

In the standard Instant Capacity offering, after purchasing the right to access, the cost of the CPUs and the associated HP-UX licensing and support are deferred until time of activation.

Temporary Instant Capacity: Activate capacity in a temporary "calling-card fashion" in 30-CPU-day increments. A CPU day equals 24 hours for one CPU. With this option, processors may be activated and deactivated. One Instant Capacity license is applied to a system so you can turn on and off any number of Instant Capacity CPUs on your system. You have three years to use the 30-CPU-day license. And best of all, you can access information about your Temporary Instant Capacity balance through a secure Web portal.

For Temporary Instant Capacity, the operating environment license and support fees are included in the initial payment so there are no additional access or activation fees.

Cell Board Instant Capacity: Extend the Instant Capacity value to include complete cell boards with CPUs and memory. Cell Board Instant Capacity can be moved between partitions. Memory, cell board, and one processor must be activated. Multiple Cell Board Instant Capacity can be installed as long as the configurations are identical. Each partition requires at least one active cell board.

In Cell Board Instant Capacity, outside of the initial right-to-access fees, all costs are deferred until the time of activation.



Table 1 summarizes and compares the HP Instant Capacity payment terms.

Table 1. Instant Capacity payment schedule

You pay for...	Standard Instant Capacity	Temporary Instant Capacity	Cell Board Instant Capacity
CPU	At activation	At activation	At activation
Memory	At initial purchase	At initial purchase	At activation
Cell board	At initial purchase	At initial purchase	At activation
Other components	At initial purchase	At initial purchase	At activation
Operating system license	At activation	At initial purchase	At activation
Support	At activation	At initial purchase	At activation

All programs require a "right-to-access" fee

Activation obligations

With Standard and Cell Board Instant Capacity, you are under no obligation to activate your Instant Capacity products. You can buy them today, activate tomorrow, next year, or not at all. In the Temporary Instant Capacity program, you are under an obligation to use the increment you purchase within three years.

Server selection

HP Instant Capacity for HP 9000 and HP Integrity Servers is available on the following systems running the HP-UX Operating Environment:

- rp7400
- rp7410
- rp7420
- rp8400
- rp8420
- Superdome
- rx7620
- rx8620

HP-UX Workload Manager

In addition to the flexibility and ease of use of the Instant Capacity program, HP offers a unique capability with the HP-UX Workload Manager (HP-UX WLM). HP-UX WLM is the intelligent policy engine of the HP Virtual Server Environment. It enables a virtual HP-UX server that automatically grows and shrinks based on the service-level objectives (SLOs) for each application it hosts.

HP-UX WLM performs real-time assessment of resource usage and then advises and acts in accordance with the defined SLOs and business priorities. You can control resource allocation to each application, and you can optionally and automatically activate Instant Capacity CPUs if service-level objectives are not being met.

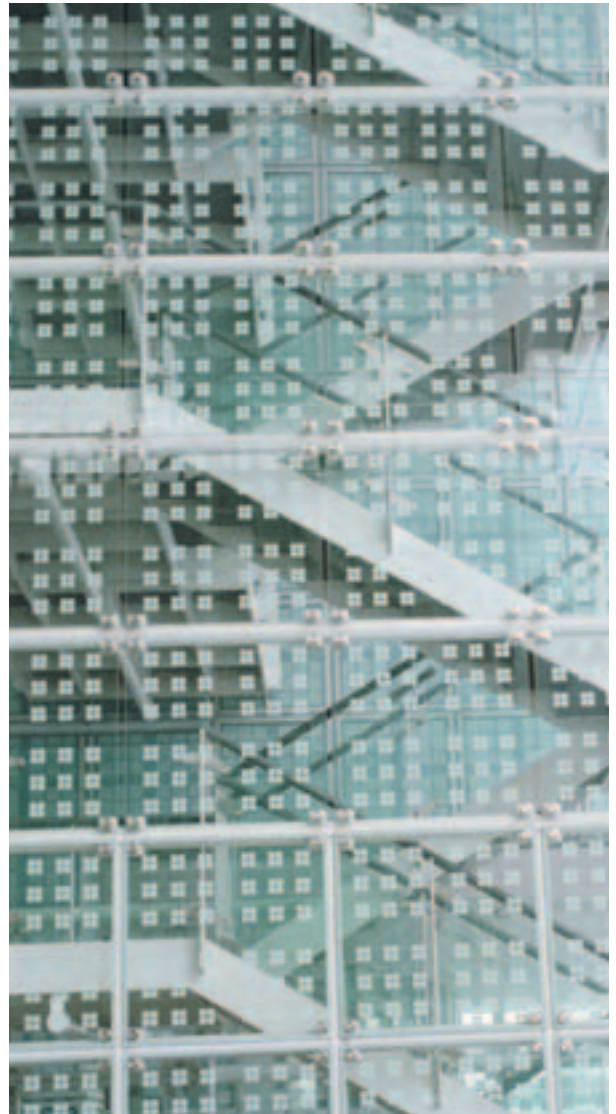
Flexibility from the beginning

As an alternative to traditional IT ownership and support, Instant Capacity solutions give you more control over usage and costs—without sacrificing performance. By offering a payment plan based on actual or planned usage, our solutions help you respond quickly to change and opportunity without depleting your budget.

Integrating products, services, and financing to deliver IT resources your way, the HP Instant Capacity program offers several practical, cost-effective approaches that make aligning your IT resources with fluctuating demand remarkably simple. And it brings you even closer to the goal of becoming a stable, efficient, and agile enterprise.

Learn more about HP Instant Capacity for HP 9000 and HP Integrity Servers by calling your local HP representative or visiting:

www.hp.com/go/utilitypricing



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