



## HPE BladeSystem overview

HPE BladeSystem with HPE OneView delivers a whole new experience for IT with the power of one—one infrastructure and one management platform to speed the delivery of services. Only the power of one delivers leading infrastructure convergence, availability with federation, and agility through data center automation.

### HPE BladeSystem delivers real business results

#### Building Blocks for a Modular Infrastructure

HPE BladeSystem is a modular infrastructure platform that converges servers, storage, and network fabric. It accelerates operations and speeds delivery of applications as well as services that run in physical, virtual, and cloud-computing environments.

#### Shared infrastructure—reduced costs

Because the core infrastructure is shared, capital costs can be significantly lower. Blades share power, cooling, network, and storage infrastructure at the BladeSystem enclosure level.

Since equipment is not needed for each server there is a dramatic reduction in power distribution units, power cables, LAN and SAN switches, connectors, adapters, and cables.

#### Easier upgrades

You can bring in the newest-generation technologies by simply changing the components that need to be updated.

#### Simplify routine maintenance

HPE BladeSystem infrastructure changes takes less time with the wire-once connectivity only available with HPE Virtual Connect. Virtual Connect simplifies and converges server-edge connections, making them transparent to storage and networks. You can reduce server-edge infrastructure such as network interface cards, cables, and switches.

HPE Virtual Connect FlexFabric modules can be directly connected to HPE 3PAR Storage solutions via direct-attach flat SAN technology, which reduces complexity, cost, and latency.

#### Simplified management

HPE OneView delivers unprecedented ease to use, so you can deploy and manage HPE BladeSystem faster, at lower cost, and at greater scale. HPE OneView is the first software platform that creates a modern and integrated workspace for lifecycle management of HPE BladeSystem. HPE OneView reduces the needs for multiple management tools and non-management tools, streamlining processes, and helps eliminate common sources of errors.

## Modular, future-proof design

The HPE global community of business technology experts and partners is here to help you build a solution and support plan that is just right for your needs. And we do a lot of the hard work for you by integrating the infrastructure essentials inside the BladeSystem. It arrives at your door, ready to deliver outstanding business results.

Building your ideal BladeSystem infrastructure solution begins with these eight simple steps:

**Step 1: Choose your operating environment**

**Step 2: Choose your BladeSystem enclosure**

**Step 3: Choose your server blades**

**Step 4: Choose your interconnects**

**Step 5: Choose your storage infrastructure**

**Step 6: Choose your infrastructure management**

**Step 7: Choose your power and cooling configurations**

**Step 8: Choose your services**

**Step 9: Call I/O Data Systems**



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