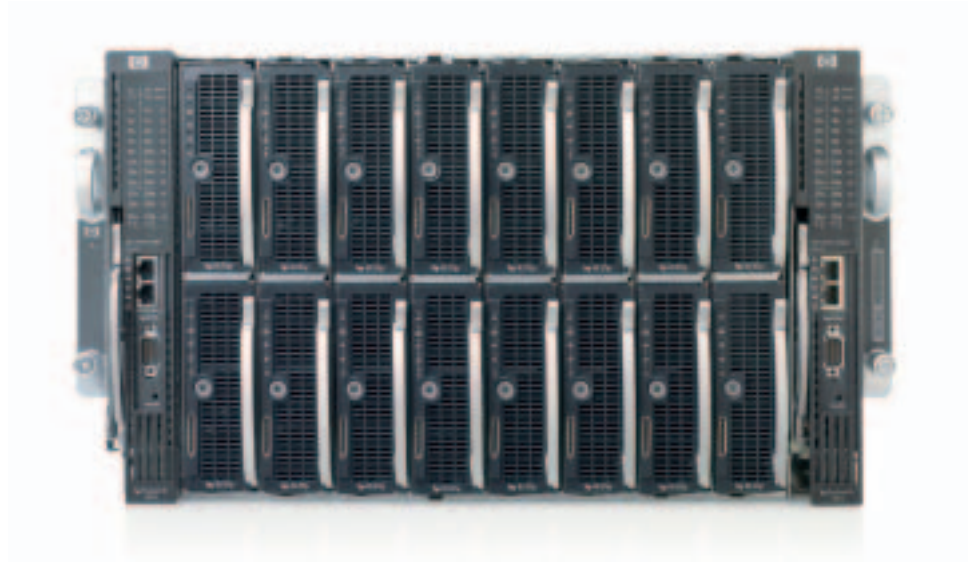


HP ProLiant BL30p server blade



HP ProLiant BL30p server blades

Density. Performance. Manageability. The HP ProLiant BL30p server blade delivers an ideal mix of manageability and high-performance computing in a compact, modular blade design. The BL30p extends the x86 workload capabilities of the HP ProLiant blade line to the most space-conscious environments.



The new HP ProLiant BL30p 2-way server blade delivers the density, performance, and manageability your business demands.

Powerfully compact

Designed for high-performance computing, enterprise front-end, and infrastructure applications in space-conscious environments, the BL30p is the latest addition to HP's ProLiant BL p-Class server blade line. It supports dual Intel® Xeon™ processors, dual Gigabit Ethernet network adapters, and a dual-port Fibre Channel adapter option, making it ideal for performance-hungry applications and redundant connections to external storage. Up to 96 BL30p blades can be configured in a standard rack, providing the maximum utilization of valuable data-center space.

Well-connected

The BL30p was created to help customers get the most out of their SAN solutions. Its optional dual-port Fibre Channel adapter provides powerful, heterogeneous SAN support up to 2 GB/s, and it is backward-compatible with existing 1 GB/s Fibre Channel equipment. And with HP's fusion of SAN and network attached storage (NAS), your storage architecture can incorporate application, database, and file-serving functionality.

Outstanding management and deployment

The BL30p delivers a variety of powerful, intuitive management and deployment features to ease the burden these tasks typically place on your IT personnel.

HP offers the ProLiant Essentials Rapid Deployment Pack (RDP), a central console-based tool that enables quick and simplified configuration of blades. The BL30p also allows you to use the same management tools – HP Systems Insight Manager and HP OpenView – that you use with all other ProLiant blades, traditional tower servers, and rackmount servers.

Like all ProLiant BL p-Class server blades, the BL30p features ProLiant Essentials Integrated Lights-Out (iLO) Advanced Edition as a standard feature. The iLO Advanced Edition provides full front-of-the-server remote control of blade systems located in data centers and remote sites. Using iLO Advanced Edition features, an administrator can install, configure, monitor, update, and troubleshoot remote ProLiant server blades anywhere, anytime, from a standard Web browser.

World-class service and support

HP delivers consistently innovative and customized hardware and software service solutions and provides the support required for business success. HP service capabilities and offerings are designed to deliver best-in-class service, enhance customer satisfaction, and provide higher customer ROI and profitability through increased uptime of computer systems and equipment. Services for the BL30p include hardware installation, RDP installation/startup, and a selection of hardware onsite services.

The HP blade system architecture helps you cut costs, improve IT agility effectiveness and efficiency, and achieve greater flexibility.

Comprehensive solutions

The HP blade system architecture helps you cut costs, improve IT agility effectiveness and efficiency, and achieve greater flexibility. The system was designed with growth in mind: It has the ability to integrate multiple modular components – including servers, storage, and virtual LANs – within a shared, intelligent infrastructure. The BL30p expands the blade system portfolio to bring the advantages of dynamic blade systems to every workload in the data center. As with all solutions in the blade system, the BL30p supports the Adaptive Enterprise: business and IT synchronized to capitalize on change.

HP blade systems enable you to add, re-allocate, and subtract compute resources in a rapid, logical manner. Our systems also provide the software management tools to build and associate computing resources for the critical roles they serve today – and will serve in the future.

With the flexible and cost-effective computing capabilities it shares with the entire HP ProLiant blade line, the BL30p delivers the simplicity, agility, and value your business needs demand.

Learn more about the HP ProLiant p-Class server blades at: www.hp.com/go/blades

Form factor	16 blades per 6U enclosure; blade sleeve required
Processors available	Up to 2 Intel Xeon processors DP 3.06 and 3.2 GHz; 533 MHz FSB
Cache	512 KB L2 (3.06 GHz), 1 MB L3 (3.2 GHz), or 2 MB L3 (3.2 GHz)
RAM standard/maximum	1 GB/4 GB
RAM type/speed	PC2100 ECC DDR
Hard drive capacity	2 ATA drive bays
Standard hard drive controller	Embedded controller
Expansion slots	Internal Fibre Channel adapters (optional)
Network adapter	2 x HP 10/100/1000 WOL (embedded) plus 1 x 10/100 dedicated to iLO management
Hot-plug power supplies	Redundant (housed in ProLiant BL p-Class power enclosure)
Remote management	Integrated Lights-Out with Advanced Edition
System setup management	Optional ProLiant Essentials Rapid Deployment Pack, HP Systems Insight Manager, and HP OpenView



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To learn more, visit www.hp.com/servers/bl30p

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