

IBM i Edition Express for BladeCenter S



*IBM i Edition Express for BladeCenter S
(shown with optional Office Enablement Kit, keyboard and display)*

The i Edition Express for BladeCenter S is a complete integrated business system that offers an attractive alternative for existing AS/400®, iSeries®, and System i™ 515, 520, and 525 clients to reduce IT costs and complexity by consolidating their IBM i and Windows applications with an IBM BladeCenter solution.

With starting prices comparable to the Power 520 Express i Edition, the i Edition Express for BladeCenter S is the perfect alternative to a traditional rack/tower server and enables clients to run their i applications and consolidate x86 servers into a single BladeCenter S chassis that supports up to six blades and over 3 terabytes of disk storage. And, with a 3-year warranty included, the lease price of the new solution will often be less than what many i clients pay today.

You can achieve even higher value by consolidating existing x86 servers onto x86 blades in the same BladeCenter S chassis for centralized management, resource sharing, common leasing and 3-year warranty terms.

Highlights

- *Predefined configuration combining an IBM BladeCenter® JS12 Express blade, IBM i, and BladeCenter S chassis*
- *Ideal solution for consolidation of i and Windows Server® operating environments*
- *Optimized for running i applications and includes one processor entitlement, 10 users, and 1-year SWMA*
- *Starting price comparable to a 1-core Power™ 520 Express server configuration with i*

IBM BladeCenter

Simplify. Cut costs. Boost productivity. Go green. They're all priorities for IT, and they're all driving organizations to rethink their server strategies and become more receptive to new ways to use IT. Blades are the next-generation solution, promising improvements across the board. IBM BladeCenter's innovative, open design offers a true alternative to a traditional rack/tower server and can help you use your space more efficiently and save on energy costs. So toss your cables and take the leap. Migrate to the blade solution that uses less energy and gives you more choices and control. You have nothing to lose but complexity. IBM BladeCenter is the right choice. Open. Easy. Green.

- *Reduce space requirements for your servers*
- *Minimize IT staff needed to manage your application environment*
- *Easily grow and expand as your requirements change*
- *Save energy through reduced power consumption compared to rack servers*

IBM BladeCenter S

The IBM BladeCenter S is the industry's first blade chassis uniquely designed for small and mid-sized offices and

distributed environments. Building-in simplicity and economy, BladeCenter S is designed to get big IT results from the smallest IT staffs.

Small enough to fit any office environment, the new BladeCenter S chassis makes it easy and cost-effective for small and mid-sized businesses to obtain IT results at levels traditionally reserved for large enterprises. With six blade servers, the chassis simply plugs into a normal wall socket, helping eliminate the need to operate costly data centers. It also integrates up to twelve disk drives and networking into a single chassis. The BladeCenter S supports virtually all of your applications, including those running on the IBM i, IBM AIX®, Microsoft® Windows, and Linux® operating systems—and integrates the hardware and software most used by mid-sized businesses: line-of-business, antivirus/firewall protection, voice over IP, email and collaboration applications, and file and print applications.

IBM knows that small and mid-sized businesses and enterprises with branch offices need solutions that are easy-to-deploy. The optional BladeCenter S Office Enablement Kit is the ideal way

to deploy BladeCenter S into your everyday office. With features that let you:

- *Reduce noise using a built-in acoustical module*
- *Secure all your information using locking doors*
- *Designed with finger grips and lockable wheels for easy movement*
- *Keep your IT healthy using an optional contaminants filter*

For businesses operating branch offices—such as retailers or financial institutions—IT administrators at headquarters can easily pre-configure multiple systems to operate in the same manner, enabling branch managers to simply plug a system in and power it up.

IBM BladeCenter JS12 Express

To support applications for small and mid-sized companies, the BladeCenter JS12 Express blade server delivers great performance, expandability and capacity to satisfy the needs of clients looking for an easy-to-use, integrated platform with a high degree of deployment flexibility, scalability and manageability.

Built on the promise of the IBM BladeCenter family of products—easy-to-use, integrated platforms with a

high degree of deployment flexibility, scalability and manageability—the BladeCenter JS12 Express is an extremely affordable blade server with the capability to run IBM i, AIX or Linux applications—concurrently if desired.

The JS12 Express broadens the application offerings available and increases the ways clients can put this power to work. Powered by the latest IBM processor technology, POWER6™, the JS12 Express with two processor cores and up to 64 GB of memory provides outstanding price/performance in a commercial IT environment; superior reliability, availability, serviceability (RAS) characteristics; high energy efficiency; and outstanding built-in PowerVM™ virtualization to help achieve increased system utilization.

The feature-rich, JS12 Express will bring significant benefits to clients who want a durable server solution for consolidating multiple applications and servers into a single BladeCenter chassis transitioning from traditional rack-mount or desk-side servers to highly efficient blades and implementing commercial applications.

IBM i

IBM i running on an IBM POWER processor-based blade delivers a scalable and virus resistant architecture

with a proven reputation for exceptional business resiliency. Running applications based on i has helped companies over many years to focus on innovation and delivering new value to their business, not just on managing their data center operations.

IBM i is an integrated operating system with a trusted combination of relational database, security, Web services, networking and storage management capabilities. It provides a broad and highly stable database and middleware foundation for efficiently deploying business processing applications, with support for over 5,000 solutions from over 2,500 ISVs. i solutions are offered through an extensive, highly skilled worldwide network of IBM Business Partners that is backed by IBM's trusted services and support infrastructure.

IBM develops, fully tests and pre-loads the core middleware components of IBM i together up front, whereas on other platforms, operating system, database and middleware integration is done in the data center. The pre-integration and testing of IBM i is a key factor in enabling companies to deploy applications faster and maintain them with fewer staff. Virtualization and workload management are also built into

IBM i to enable you to run multiple applications and components together on the same system, driving up system utilization and delivering a better return on IT investments.

Putting it all together

With blade servers you can consolidate your System i and x86 processor-based servers into a single chassis, leveraging the management, space, and power savings delivered by BladeCenter solutions. The BladeCenter S chassis integrates servers, storage, networking, I/O and applications into a single chassis that can be installed in any typical office environment.

Delivering a complete integrated business system, the i Edition Express for BladeCenter S includes a JS12 Express blade server along with IBM i for 10 users combined with a BladeCenter S chassis all at an extremely attractive starting price. The i Edition Express for BladeCenter S helps the small or mid-sized company that seeks simplicity and value to avoid increased spending and staffing requirements while becoming more responsive to the demands of their growing business. The i Edition Express for BladeCenter S integrates features to simplify an IT environment and deliver a complete, cost-effective business system that grows with your business.

Feature	Benefits
A predefined configuration combining a JS12 blade, IBM i, and BladeCenter S chassis	Starting price similar to a 1-core Power 520 Express configuration with i.
Configuration easily upgraded with additional blades or options	Ideal solution for consolidation of i and Windows Server operating environments.
BladeCenter	
BladeCenter S supports a choice of IBM i, AIX, Windows, or Linux operating systems	Standardize on a single platform that runs the large and varied portfolio of applications that support your business.
Highly efficient and flexible design of IBM BladeCenter S supports up to six blades	Densely pack more servers in a smaller space while consolidating server and storage management.
Integrated BladeCenter S solution supports up to twelve 300 GB SAS disk drives	Supports consolidation of i and x86 storage.
BladeCenter S is an easy to use, space-saving 7U chassis that incorporates blades, storage, networking resources	BladeCenter S uses standard office power sources, enabling you to build your IT outside of the data center.
BladeCenter S supports POWER, Intel® and AMD processor-based blade servers	Allows you to select the blades based on what best fits the application workloads.
BladeCenter JS12 supports two POWER6 processor cores running at 3.8 GHz with up to 64 GB of memory.	Offers the performance to run multiple i applications.
BladeCenter JS12 includes industry-leading PowerVM virtualization technology built-in	Reduce infrastructure costs by doing more with fewer servers.
BladeCenter has a 3-year customer replaceable unit and onsite limited warranty	Provides peace of mind for an extended period of time. IBM Global Services organization provides reliable, dedicated and skilled assistance when you need it.
IBM i	
DB2® for i database, integrated Web application server, IBM JVM, and multiple file systems	Integrated middleware for efficient business processing.
Subsystem workload manager	Runs multiple applications on a single server.

Feature	Benefits
Integrated architecture, transaction based journaling, cluster management solutions	Optimized for exceptional business resilience.
Simple to deploy, object based security model, virus resistant object architecture, intrusion detection and prevention, audit journal, encryption of data on disk and backups	Trusted security with auditing and compliance tools.
IBM Rational development tools, C, RPG, COBOL, C++, Java™, PHP, CL	Designed for open application design choices.
Support for POWER processor-based servers and blades	Scalable to handle non-disruption business growth.

For more information

To learn more about the IBM i Edition Express for BladeCenter S, please contact your IBM marketing representative or IBM Business Partner, or visit the following Web sites:

- ibm.com/systems/power/software/i/
- ibm.com/systems/bladecenter/hardware/servers/js12/index.html
- ibm.com/bladecenter/hardware/chassis/blades/index.html



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When referring to storage capacity, 1 TB equals total GB divided by 1000; accessible capacity may be less.

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