

*Innovative solutions to simplify your business*



**IBM System i5 Family**



## Highlights

- *Provide faster, extremely reliable and highly secure ways to help simplify your IT environment, enabling savings to be invested in business growth*
- *Provide complete integration with key partners, suppliers and customers by running thousands of the world's most popular business applications*
- *Offer increased IT staff productivity and cost savings by providing great security and high reliability on a platform that is easy to manage*

To remain competitive in today's market, your company has to do more with less—and simplification is the name of the game. A complex IT environment comprised of multiple servers is often expensive and inflexible. By eliminating complex solutions running over multiple servers and the associated licensing and connection headaches, your company is learning to remain competitive with far fewer resources. Hand-in-hand with this is the real need for your IT department to become more integrated and manageable. Simplification can give you a significant advantage.

The IBM® System i5™ family can provide your company with a complete, integrated system that offers a very secure, rapid way to become an On Demand Business. System i5 models can help you simplify IT environments and reduce operating costs, while building business advantage. Based on IBM POWER5+™ processors—the tenth generation of IBM 64-bit processor technology—the System i5 family can help reduce costs and enable savings investment in business growth. By creating an environment where your business processes are integrated across the value-chain, your employees are able to quickly respond to any customer or partner demand, market opportunity, or external threat.

### Get more out of your IT Investment

With the System i5™ models, everything you need to run your business applications is integrated into a single system. The database, security, performance tuning, backup, reporting, communications, Internet connectivity and file and printing serving are built in. The System i5 platform is designed to be easy to operate and maintain.

Based on open standards, the System i5 platform also gives you broader choices and a greater capability to use the system you already have instead of buying a new server for every application. System i5 models can run multiple operating systems and applications simultaneously. They support applications running in IBM i5/OS®, Microsoft® Windows®, Linux®, IBM AIX 5L™, Java™, WebSphere®

and Lotus® Domino® environments—all at the same time and all on one highly reliable system. Built-in security features on the System i5 family can help businesses meet regulatory requirements and safeguard critical data across all of these application environments.

If your organization is running different applications in multiple business units, it's likely that you are using separate servers for each type of application and sometimes multiple servers to run a single application. If you're seeking to simplify your IT environment and reduce costs to enable investment in business growth, you should consider the IBM System i5 platform. By reducing the number of servers and associated

staff required to service your IT infrastructure, the System i5 family provides faster, more reliable and highly secure ways to help simplify the IT environment, helping your organization to save money and reinvest in business growth.

With a System i5 model, your company can have a complete and secure integrated business solution designed to run thousands of the world's most popular business applications. You can run all of the applications that your business needs on one secure, easy-to-manage System i5 model, facilitating server consolidation and helping to eliminate complexity, enhance manageability, and deliver low total cost of ownership (TCO).





### **Deploy new capabilities quickly and confidently with integrated, secure turnkey systems**

On demand computing requires tools to build key business applications and extend core business applications to the Web. The IBM System i5 family provides the key capabilities you need to support your business applications right out of the box. Everything necessary to support a robust solution is included—a comprehensive, multi-user operating system, IBM DB2® Universal Database™ (UDB) software, built-in security and virus resistant features, scalable online transaction processing (OLTP), systems management, networking, high-performance Java™ Virtual Machine (JVM) software and sophisticated, automated work management. System i5 models provide a complete contrast to other systems that are purchased in individual pieces and have to be assembled and tested at the customer location.

Additionally, the System i5 Initiative for Innovation is designed to foster the growth of new, innovative solutions for customers using the IBM System i5 family—unleashing the combined talents of IBM and IBM independent software vendors (ISVs) to help you reach your goals and execute growth plans by accelerating the deployment of new applications and tools.

### **Handle changing demands by automatically balancing application requirements**

IBM System i5 models can help you to maintain critical customer service levels and handle growth in demand by automatically balancing application resource requirements and scaling up and down to match business cycles. These IBM Virtualization Engine™ systems technologies give companies the freedom to run a wide variety of business applications without the costs and complexity often associated with managing multiple systems.

Micro-Partitioning™ enables processor and storage resources to be moved from idle partitions to partitions experiencing high transaction volumes, either automatically or manually based on business needs. In addition, with Capacity on Demand features, you can quickly respond to changing application workload demands by activating dormant processors to match the processing needs of peak transaction loads.

### **Select from thousands of available applications**

With support for multiple operating systems and application environments on System i5 models, you can choose from a vast array of industry-leading software solutions tailored to specific industries and business needs. A global network of ISVs offers an outstanding portfolio of enterprise resource planning (ERP), customer relationship management (CRM), supply chain management (SCM), business intelligence (BI) and

human resource management applications—as well as a robust portfolio of industry-specific solutions. These applications can be quickly and easily deployed and help lower TCO by providing proven solutions tested to run on the System i5 family.

### **Rely on a tradition of total support**

IBM delivers outstanding support and stands behind its commitment to provide the highest possible customer satisfaction for every system sold. A vast network of distributors, resellers, ISVs, and IBM Business Partners is dedicated to the success of the IBM System i5 platform and your company. Advanced maintenance and diagnostic capabilities built into every System i5 model allow remote service, enabling enhanced availability and reducing management overhead. Quick access to technical information and tools is also available through the Web.

In addition, IBM and IBM Business Partners go a step beyond technical support by offering business consulting, implementation and support services designed to help your organization maximize the resources of your System i5 model. These services can help businesses harness the uncompromising power and reliability of the System i5 family.

### **Take advantage of flexible financing options**

IBM Global Financing provides single-source financing for complete, multi-vendor IT solutions that can include hardware, software and services. By consolidating IT acquisitions

into a single financing contract and single, periodic invoice, your business can budget more effectively, manage costs more efficiently and simplify IT investment planning.

Financing from IBM Global Financing can make acquiring complete solutions less expensive through competitive rates, fair market value leases, innovative offerings and special financing promotions. On demand financing offerings can allow your company to structure payment schedules to accommodate cash flow, while enabling capacity adjustments to handle changes in demand. In addition, low-rate financing helps make a wide range of IBM products and services more affordable with flexible payment plans and rates that are frequently below market.





	<b>IBM System i5 520</b>	<b>IBM System i5 550</b>	<b>IBM System i5 570</b>	<b>IBM System i5 595</b>
Commercial processing workload (CPW)	600 – 7100	3800 – 14000	8100 – 58500	13600 – 184000 <sup>2</sup>
i5/OS OLTP CPW <sup>1</sup>	0–maximum	0–maximum	0–maximum	0–maximum
Memory (max)	32GB	64GB	512GB	2TB
Disk capacity (max)	39TB	77TB	193TB	381TB
Disk drives (max)	278	548	1374	2700
i5/OS operating system licenses included	Yes	Yes	Yes	Yes
Tower or Rack-Optimized design	Both	Both	Rack	Rack
Integrated xSeries Servers (max)	18	36	48	60
Integrated xSeries Adapters (max)	8	16	57	57
LPARs (i5/OS, Linux or AIX 5L—max)	20	40	160	254 <sup>2</sup>

<sup>1</sup> Standard Edition comes with Zero (0) 5250 OLTP CPW. Enterprise Edition offers 5250 CPW up to the processor maximum based on the number of activated processors, i5/OS licenses and Enterprise Enablement features.

<sup>2</sup> Maximum of 32 processors per i5/OS

**A single system for today and tomorrow**

With the ability to support a wide choice of applications, automatically manage changing business demands, and deliver an integrated system that can be quickly and easily deployed, the System i5 platform is designed to

deliver outstanding versatility and ease-of-use. Self-managing capabilities help reduce administration time and expense, while an innovative design and industry-leading advanced POWER5 processor technology help

maintain high reliability and availability for critical applications. The System i5 family can help you simplify a complex IT environment and maximize business productivity—and then re-invest the savings in business growth.





## For more information

To learn more about the IBM System i5 Platform, please contact your IBM representative or visit:

**ibm.com**/systems/i



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<sup>1</sup> Via Integrated xSeries® Adapter (IXA) or Integrated xSeries Server (IXS)