



## IBM @server® iSeries 550



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### Highlights

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- ***Simplifies IT environments***
- ***Responds to dynamic needs on demand***
- ***Flexible growth options with up to a 4-way system***

Mid-market businesses must balance the opportunity for growth with the need to control costs and complexity than can result. Anticipating this concern, IBM developed the IBM @server® iSeries™ system—one of the most complete, integrated and secure systems that can vastly simplify IT environments. Now companies can reduce the number of servers, reduce management costs and reduce maintenance and licensing costs—opening the door for reinvestment into business growth.

### **Simplify enterprise IT to reduce cost**

Specifically designed to address the needs of medium-sized enterprises, the IBM @server iSeries 550 system helps address the challenges of managing complex IT environments. With iSeries systems, companies can reduce the number of people and servers necessary to run business applications, thereby helping to simplify the IT environment in order to save money and reinvest in the business.

iSeries can improve asset utilization and provide flexible, on demand growth options. For example, the iSeries 550 includes one to four IBM POWER5™ processors supporting IBM Virtualization Engine™ system technologies that enable the IBM @server iSeries systems to run multiple operating systems and application environments simultaneously. Running all popular operating environments—including IBM i5/OS™, Linux®, IBM AIX 5L™, Microsoft® Windows® (via an IXA or IXS), Java™, WebSphere® and Lotus® Domino®

enable iSeries systems to run a broad portfolio of application software and consolidate vastly diverse server farms. Flexible, on demand price options enable low cost of acquisition and the flexibility to deploy the applications and operating systems you need as your business grows.

With Capacity on Demand, the @server iSeries 550 allows mid-market companies to respond dynamically to market needs by quickly increasing processing—on demand. Businesses in a variety of industries experience short-term spikes in processor utilization. Now, instead of buying and maintaining excess capacity that goes unused most of the year, these companies can use On/Off Capacity on Demand to match processing needs to peak transaction loads.

### **Simplify management of IT resources**

The @server iSeries 550 delivers an advanced storage architecture that provides more flexibility than conventional UNIX®, Windows and Linux server implementations. Typical server farm implementations have dedicated disk drives attached to every server and a network administrator must manage each server's capacity separately. With the iSeries system, all disks can be safely managed as a single pool—helping to simplify data administration and improve productivity by boosting storage utilization rates.

### **Achieve leadership performance and efficiency with IBM POWER architecture**

Based on IBM POWER5 processors—the ninth generation of IBM 64-bit processor technology—IBM @server iSeries systems can enable medium-sized businesses to seamlessly

upgrade processing power, while preserving existing software investments. The proven, open and flexible design of POWER® processors builds on the iSeries family tradition of integration, virtualization and outstanding systems management technology to bring new levels of functionality and simplicity. And, of course, these new systems can be upgraded from earlier iSeries models.

### **Editions designed to match your business**

The @server iSeries system comes with various edition options, including Standard, Enterprise, Domino, and Solution Editions, that are designed to help meet the demands of a variety of medium- to large-size enterprises. Every 550 edition includes at least one activated processor and at least one i5/OS processor license.

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## iSeries 550 at a glance

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<b>Processor</b>	1- to 4-way POWER5
<b>Edition</b>	Standard, Enterprise, Domino or Solution
<b>Processor CPW</b>	3300 to 12000
<b>5250 OLTP CPW</b>	0 to maximum
<b>Memory (max)</b>	64GB
<b>Disk capacity (max)</b>	77TB
<b>Disk drives (max)</b>	548
<b>i5/OS</b>	Included (at least 1 processor license)
<b>Software tier</b>	P20
<b>Windows Server<sup>1</sup>, Linux, AIX 5L capable</b>	Yes
<b>Tower or rack design</b>	Both
<b>Integrated xSeries Servers (max)</b>	36
<b>Integrated xSeries Adapters (max)</b>	16
<b>Micro-partitions (max LPARS – i5/OS, AIX 5L, Linux)</b>	40
<b>High speed link (RIO/HSL) loops (max)</b>	2
<b>I/O towers/drawers (max)<sup>2</sup></b>	12
<b>PCI card slots (max)</b>	173
<b>LAN ports (max)</b>	96

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<sup>1</sup> Via an Integrated xSeries Adapter or Integrated xSeries Server

<sup>2</sup> The installed combination of I/O Towers and Drawers plus Integrated xSeries Adapters cannot exceed 18.

**For more information**

To learn more about the IBM **@server** iSeries system contact your IBM representative, IBM Business Partner or visit:

**ibm.com**/eserver/series



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Route 100  
Somers, NY 10589

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