

IBM System i5 550



Highlights

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

Your business must balance the opportunity for growth with the need to control costs and complexity. Anticipating this concern, IBM® developed the IBM System i5™ platform—an integrated and highly secure system that is designed to simplify IT your environment. The System i5 550 is designed to help you 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- to large-sized enterprises, the IBM System i5 550 helps you meet the daily challenges of managing complex IT environments. With the i550, you can reduce the number of people and servers necessary to run business applications, thereby helping to simplify your IT environment in order to save money and reinvest in the business.

The System i5 family can improve asset utilization and provide flexible, on demand growth options. For example, the i550 includes one to four activated IBM POWER5+™ processors supporting IBM Virtualization Engine™ system technologies that enable the system to run multiple operating systems and application environments simultaneously. Running all popular operating environments—including IBM i5/OS®, Linux®, IBM AIX 5L™, Microsoft® Windows®¹, Java™, WebSphere® and Lotus® Domino®

enables the System i5 family 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 i550 is designed to respond dynamically to the needs of your market by quickly increasing processing—on demand. If you have short-term spikes in processor utilization, instead of buying and maintaining excess capacity that goes unused most of the year, you can use On/Off Capacity on Demand to match processing needs to peak transaction loads.

Simplify management of storage

The i550 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 System i5 platform, you can safely manage all disks 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 tenth generation of IBM 64-bit processor technology—the IBM System i5 family can enable medium- to large-sized businesses to seamlessly upgrade processing power,

while preserving existing software investments. The proven, open and flexible design of POWER® processors builds on the AS/400 and 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 models.

Editions designed to match your business

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

System i5 550 at a glance

Processor	1- to 4-way POWER5+
Edition	Standard, Enterprise, High Availability, Domino or Solution
Processor CPW	3800 - 14000
5250 OLTP CPW	0 to maximum
Memory (max)	64GB
Disk capacity (max)	77TB
Disk drives (max)	548
i5/OS	Included (at least 1 processor license)
Software tier	P20
Windows Server¹, Linux, AIX 5L capable	Yes
Tower or rack design	Both
Integrated xSeries Servers (max)	36
Integrated xSeries Adapters (max)	16
Micro-partitions (max LPARS – i5/OS, AIX 5L, Linux)	40
High speed link (RIO/HSL) loops (max)	2
I/O towers/drawers (max)²	12
PCI card slots (max)	173
LAN ports (max)	96

For more information

To learn more about the IBM System i5 family contact your IBM representative, IBM Business Partner or visit:

ibm.com/systems/i



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¹ Via an Integrated xSeries Adapter or Integrated xSeries Server

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