

A fast, reliable and secure system to help simplify IT



IBM @server® iSeries 570



Highlights

- ***Integrated management reduces IT complexity***
- ***Efficient use of resources increase utilization***
- ***Preserves existing hardware and software investment***

Medium and large corporations face increasingly complex IT environments created by the ever-growing number of servers required to run even a single business application. Anticipating this growing concern, we developed the IBM @server® iSeries™ family—one of the most complete, integrated and secure systems available. 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.

Completely scalable, upgradeable, industry-standard rack-optimized building block architecture helps support balanced growth from 1-way to 16-way systems. Coupled with advanced virtualization technologies, the iSeries 570 runs multiple operating systems and application environments simultaneously—including IBM i5/OS™, Linux®, IBM AIX 5L™, Microsoft® Windows® (via an IXA or IXS), Java™, WebSphere® and Lotus® Domino® software. With the capacity to support up to ten logical partitions (LPARs) per processor, IBM @server iSeries systems can help simplify IT environments by allowing companies to deploy new applications, consolidate operations, and meet service level agreements.

Achieve leadership performance and efficiency with IBM POWER architecture

Based on IBM POWER5™ processors—the ninth generation of IBM 64-bit processor technology—iSeries systems enable businesses to seamlessly upgrade their 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.

Highly configurable options packages provide versatility

To simplify the decision making process and maximize business value, iSeries systems come in flexible packages called Editions: the most commonly chosen are the Standard Edition and the Enterprise Edition. Each Edition incorporates a set of software licenses and hardware features designed to help meet the particular business demands of medium to large enterprises.

The Standard Edition includes one i5/OS processor license, supports Web-based applications (including

modernized 5250 OLTP applications) and runs multiple operating systems and LPARs simultaneously. The Enterprise Edition extends the capabilities of the Standard Edition with a range of additional software and hardware features, including data center management and e-business tools. The Enterprise Edition also includes support for 5250 OLTP applications.

The model 570 also offers a High Availability Edition and Capacity BackUp Edition. These are specialized Editions optimized for business continuity applications.

iSeries 570 at a glance

Processor	1/2-way POWER5	2/4-way POWER5	5/8-way POWER5	9/12-way POWER5	13/16-way POWER5
Edition	Standard, Enterprise	Standard, Enterprise	Standard, Enterprise	Standard, Enterprise	Standard, Enterprise
Processor CPW	3300 - 6000	6350 - 12000	15200 - 23500	25500 - 33400	36300 - 44700
5250 OLTP CPW¹	Zero to maximum	Zero to maximum	Zero to maximum	Zero to maximum	Zero to maximum
Memory (max)	32GB	64GB	256GB	384GB	512GB
Disk capacity (max)²	39TB	77TB	116TB	154TB	193TB
Disk drives (max)	276	546	822	1098	1374
i5/OS	Included ⁵	Included ⁵	Included ⁵	Included ⁵	Included ⁵
Software tier	P30	P30	P40	P40	P40
Windows Server³, Linux, AIX 5L capable	Yes	Yes	Yes	Yes	Yes
Rack-optimized design	Yes	Yes	Yes	Yes	Yes
Integrated xSeries[®] Servers (max)	19	36	48	48	48
Integrated xSeries Adapters (max)	8	16	32	48	57
Micro-partitions (max LPARS – i5/OS, AIX 5L, Linux)	20	40	80	120	160
High speed link (RIO/HSL) loops (max)	1	2	4	6	8
I/O towers/drawers (max)⁴	6	12	24	36	48
PCI card slots (max)	90	173	353	443	695
LAN ports (max)	71	96	128	128	128

¹ 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.

² Disk Capacity is truncated not rounded.

³ Via an Integrated xSeries Adapter or Integrated xSeries Server

⁴ The installed combination of I/O Towers and Drawers plus Integrated xSeries Adapters cannot exceed nine per HSL loop.

⁵ One i5/OS processor license included. Other processor licenses available as required.

For more information

To learn more about the IBM @server iSeries 570 contact your IBM representative, IBM Business Partner or visit the following Web site:

ibm.com/eserver/series



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