

INTEL® SERVER PLATFORM PROCESSORS:

New numbers

make choices simpler



intel®



New numbering system

Intel® server platforms provide the built-in standards, stability, and scalability you need to move your business forward. And with a 20-year track record and more than 30 million server platforms sold, you know you can count on Intel to deliver the validation, manageability, security, and compatibility you need to reduce risk while reducing costs.

Introducing a new way of looking at Intel® server platform processors.

Intel® Itanium® 2 processors
9000



- Large-scale deployments, mission-critical applications
- Database, business intelligence, supply chain management, enterprise resource planning, high-performance computing clusters
- 2/4/8+ processors, maximum performance, reliability and scalability
- Outstanding price and performance for high-performance computing

Intel® Xeon® processors
7000



- Enterprise mid-tier deployments
- Database, customer relationship management, supply chain management, server consolidation
- 4/8+ processors, memory and I/O RAS, scalable
- Long life for enterprise mid-range

Intel® Xeon® processors
5000



- Enterprise general-purpose, small and medium business deployments
- Infrastructure, application/mail servers, financial services and insurance, high-performance computing, workstations
- 2 processors, flexible, dependable, scalable
- Best price/performance for mainstream

Intel is changing how it identifies components on server and workstation platforms to more accurately reflect how factors other than clock speed impact processor performance — along the lines of the numbering systems already in place for

New numbering system

Intel desktop and mobile processors. This change, focusing on platform capability instead of GHz, will make it easier for customers to compare specific products within a product line or brand, and to take into account a broader set of features that contribute to their overall experience.

goes beyond GHz

It's important to note that there is no inherent meaning in the specific numbers themselves, and that a higher number does not necessarily indicate higher performance. What the numbers do represent is a certain combination of features relative to other numbers within a sequence.

PROCESSOR NUMBER	CLOCK SPEED	CACHE	BUS SPEED	INTEL® HT TECHNOLOGY ¹	64-BIT	DBS	DUAL CORE
7041 ²	3.0 GHz	2X2MB L2	800 MHz	•	•	•	•
7040	3.0 GHz	2X2MB L2	667 MHz	•	•	•	•
7030 ²	2.80 GHz	2X1MB L2	800 MHz	•	•	•	•
7020	2.67 GHz	2X1MB L2	667 MHz	•	•	•	•

For more information, visit www.intel.com/servers

¹Hyper-Threading Technology requires a computer system with an Intel® Xeon® processor supporting HT Technology and a HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See www.intel.com/homepage/land/hyperthreading_more.htm for additional information.

²Dual Core Intel® Xeon® 7041 and Dual Core Intel® Xeon® 7030 processors are expected to be available in early 2006.

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