

The Unstoppable Compaq Advantage

New AlphaServer GS Series

Compaq and Sybase — Providing information anytime, anywhere for NonStop™ eBusiness

“The AlphaServer GS series delivers performance, scalability, and 24 x 7 capability. Combined with Sybase’s products, customers can easily deploy the most demanding of applications from high-volume Internet portals to multi-terabyte business intelligence databases.”

*John Ellard
Director of Product Marketing
Sybase Enterprise Solutions
Division*

Today’s information technology managers need a simple computing architecture that can be easily adapted to address a wide variety of computing paradigms — from online transaction processing, to business intelligence, to Internet portals. Sybase and Compaq deliver.

Information anytime, anywhere

The power, reliability, and scalability of Adaptive Server Enterprise and Adaptive Server IQ – Multiplex meet these emerging e-business needs without sacrificing performance. ASE is the perfect tool for building portals to support today’s Internet economy. It provides incredible productivity via native Java and XML support, a wide array of high availability features for truly 24 X 7 operation, and unsurpassed information integration capabilities.

Adaptive Server IQ – Multiplex is a full-function, SQL-compliant, decision processing engine designed to support a new generation of Internet-enabled Very Large Database (VLDB) applications. IQ can scale to handle any number of users with near linear performance by just simply adding more nodes to the environment.

Plus, you’ll find the perfect platform to maximize your Sybase investment in the *Compaq AlphaServer* GS series. Every *AlphaServer* GS system is specifically engineered for the new continuous, interconnected, “e-everything” world.

COMPAQ

SYBASE®

Start small, think big

The *Compaq AlphaServer GS* series — consisting of *Compaq AlphaServer GS80* systems, *Compaq AlphaServer GS160* systems, and *Compaq AlphaServer GS320* systems — is an enterprise-class server family based on a foundation of very high system capacity, performance-enhancing infrastructure, economic scalability, and robust data center features.

The modular design of the *AlphaServer GS* series allows you to start inexpensively, and add capacity without service outage either within a single node or via multi-node clusters. In addition, Compaq storage technologies such as Fibre Channel RAID and *Compaq SANworks* Storage Area Network architecture help ensure 99.99% data availability. No other platform choice gives you more growth capacity or a lower cost entry point than the *AlphaServer GS* series.

Unparalleled capacity

An *AlphaServer GS* system grows to 32 *Alpha* CPUs, 256 GB of memory, 224 64-bit PCI slots, and 12.8 GB/second I/O bandwidth that addresses the heaviest workloads. Plus, the exceptional, balanced system performance of the *AlphaServer GS* series delivers an unparalleled performance range. And for even more power and performance, these servers can be clustered together and managed as though they were a single system. These advanced features from Compaq allow you to grow your Sybase applications seamlessly to thousands of users and multiple terabytes of storage.

Accelerated query performance

The vast I/O and memory bandwidth capabilities of the *AlphaServer GS* system speed response time — allowing you to perform faster updates and execute large, complex queries, data analysis, or extraction in memory. This advantage remains true, even as the number of users increases or data volumes grow. The Ultra Large Memory support and 64-bit architecture of the *AlphaServer GS* series make it the perfect business intelligence or Internet portal database server.

Reliability and availability

The *Compaq AlphaServer GS* series includes online expansion, maintenance, repair, and reconfiguration through hot-swap and hot-add of major components. Further, running Sybase ASE on *Compaq AlphaServer GS* systems provides for extremely high availability — whether you're using a single server, or utilizing the market-leading capabilities of *Compaq TruCluster* systems to cluster many servers.

Seamless interoperability

With built-in Windows NT® interoperability adding to the power of the *Compaq Tru64 UNIX* operating system, you eliminate risky translator applications. This unique capability allows you to construct a Sybase ASE or IQ Multiplex solution with outstanding price/performance by combining *AlphaServer GS* systems and *Tru64 UNIX* database servers with Windows NT application servers. Better still, the entire environment can be managed as one system.

Unstoppable performance

With the *Compaq AlphaServer GS* series, your system is unstoppable. Your database is secure and recoverable. You manage a heterogeneous computing environment as if it were one system, from any console at any location, operating in total “lights out” reliability. Plus, when you add the support of 27,000 service professionals in 200 countries, you can see that *AlphaServer GS* systems are a solid investment in your profitability.

How to learn more

To learn more about how Sybase ASE applications running on *Compaq AlphaServer GS* systems can provide the information you need to succeed anytime, anywhere, call 1-800-AT COMPAQ. Or visit www.compaq.com/alphaserver, or call your local Compaq representative.

For more information on Sybase applications, visit www.sybase.com

For more information

TOLL-FREE PHONE: 1-800-282-6672 WEB SITE: www.compaq.com/alphaserver

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