Citrix Thin Client Server Computing for Compaq ProLiant BL Server Blades

Deploying enterprise applications rapidly

Increased demands on the data center

More and more enterprises today are recognizing the benefits of thin client server computing, leveraging this advanced technology to rapidly deploy applications, simplify administration, and reduce total cost of ownership. With so much computing responsibility pushed back into the data center, however, it's essential to have a powerful platform that can deliver the necessary performance, while scaling quickly and easily without consuming valuable real-estate.

Compaq offers a comprehensive thin client server computing solution designed expressly for the demands of the data center. The solution combines server blades, thin clients, software from Microsoft and Citrix and a full suite of services from Compaq Global Services.

Compaq ProLiant BL server blades

The foundation of the Compaq Thin Client Server Computing solution is a highly adaptable architecture that leverages the flexibility and scalability of our cutting-edge server blade technology, engineered to handle rapidly growing and changing requirements, so you can allocate and reallocate computing power where and when it is needed. The result is a powerful, dynamic, cost-effective, and easily managed environment that enables you to streamline application delivery to a wide range of clients, while minimizing cost and complexity.

Benefits:

> **Scalability**
Server blades can be deployed and re-deployed in just minutes, reducing OS installation and server purposing time by up to 300 % – easily accommodating quickly changing demands

> **Standardization**
Standardized hardware, combined with an industry-standard Microsoft environment, simplifies provisioning and re-provisioning of services and facilitates repeatability

> **High performance and availability**
Flexible architecture supports modularization of services, including clustering and load balancing to maximize performance and availability

> **Innovative tools**
Centralized and remote administration options support around-the-clock health monitoring, as well as simplified provisioning and user management while the latest Microsoft and Citrix software provides the server-based computing features critical to IT professionals
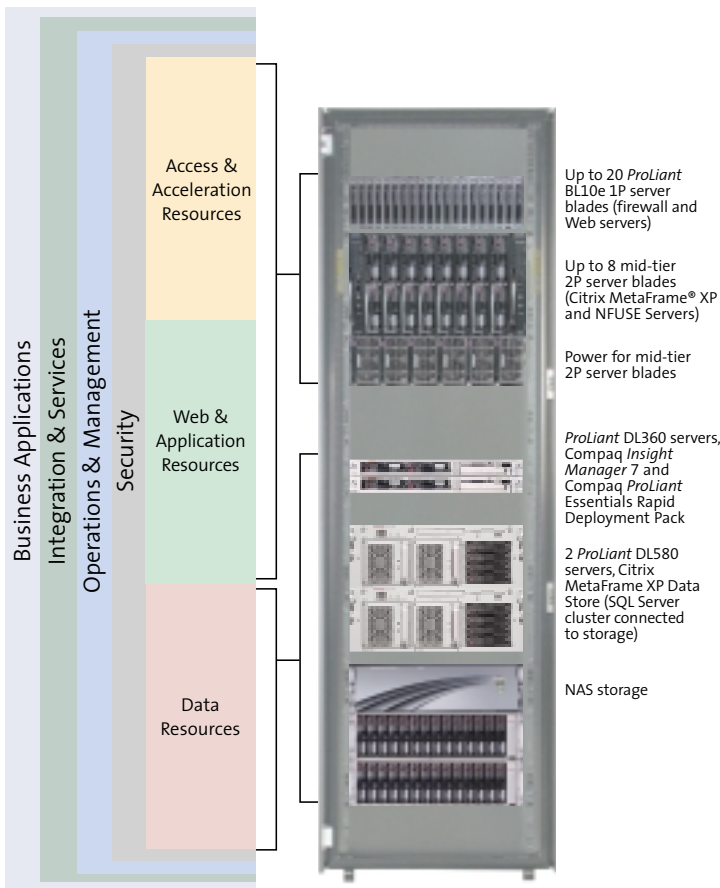
> **Best practices**
Documented best practices provide faster solution deployment, time savings, and rapid return on your investment

> **World-class Compaq support**
Compaq offers global support and a single point of accountability to enable your success

COMPAQ
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Diagram labels (left to right):

Business Applications
Integration & Services
Operations & Management
Security

Access & Acceleration Resources

Web & Application Resources

Data Resources

Up to 20 *ProLiant* BL10e 1P server blades (firewall and Web servers)

Up to 8 mid-tier 2P server blades (Citrix MetaFrame® XP and NFUSE Servers)

Power for mid-tier 2P server blades

ProLiant DL360 servers, Compaq *Insight Manager* 7 and Compaq *ProLiant* Essentials Rapid Deployment Pack

2 *ProLiant* DL580 servers, Citrix MetaFrame XP Data Store (SQL Server cluster connected to storage)

NAS storage

Compaq Dynamic Internet Solutions Architecture (DISA)

Solution components

At the heart of our Thin Client Server Computing solution are Compaq *ProLiant* BL servers. These modular, space-efficient servers slide right into a data center rack with plug-and-play ease, providing substantially more computing power in the same rack footprint. That saves valuable space in the data center. And because our server blades are built on modular, standardized hardware, you can scale up or out at a predictable price and performance level. Plus, *ProLiant* BL servers come with a complete set of innovative tools, giving you the flexibility to provision and re-provision computing power on demand.

This powerful solution is built on the Compaq Dynamic Internet Solutions Architecture (DISA), a framework based on proven best practices that assure a solid foundation and ongoing success for deploying Internet applications. DISA enables the scaling up and out of Web, application, and data resource tiers, providing high availability, simplified manageability, and tight security. You can instantly increase capacity by simply adding a server blade to the configuration, where it will be recognized automatically.

To deliver a complete thin client server computing solution, Compaq partners with industry-leading software vendors, including Microsoft and Citrix. Microsoft Windows 2000 with Terminal Services enables centralized deployment of enterprise-wide applications to Windows-based devices. Enhancing Terminal Services, Citrix MetaFrame® enables the creation of enterprise-class thin client server computing environments with expanded flexibility and server-based application management capabilities. With Citrix MetaFrame®, you can extend your application reach even further by integrating and publishing interactive applications to any standard Web browser. So, centralized applications can be served to all types of client devices, including those running Windows, UNIX, Linux, Java, and Macintosh.

Compaq also provides the Compaq *EVO*™ Thin Client T20. You have your choice of operating systems, local browser, and expandable flash/DRAM memory. Local protocol support includes both Microsoft RDP and Citrix ICA, enabling you to run either Microsoft Terminal Server or Citrix MetaFrame®.

Compaq can meet your most critical business needs with Adaptive Infrastructure (compaq.com/ai) built on a *ProLiant* server foundation and Compaq *ProLiant* Essentials software – tools for rapid deployment, monitoring, and operation of Compaq servers and clients. Whether you manage a small business, or run a global enterprise, an adaptive infrastructure enabled by value-added software, embedded technologies and unifying industry standards will benefit your business operations and your bottom line.

In addition, optional Compaq *CarePaq*™ services provide an extra level of support beyond standard warranty coverage, including 24 x 7 technical support, high-availability services, and proactive remote services.

In total, Compaq delivers a complete solution to maximize the value of your thin client computing environment for the long term.

For more information

Contact your Compaq representative or reseller, or visit our websites at **compaq.com/solutions/citrix** and **compaq.com/proliant/ble-class**

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