

### MODELS

**Compaq ProLiant  
Cluster Series F  
Model 100 Kit**  
309816-B21  
309816-291

Compaq ProLiant Cluster Solutions provide high availability for applications and data in a business-critical environment. The Compaq ProLiant Cluster/F100 is a hardware and software solution targeted at any customer installation with significant uptime requirements.

### DESCRIPTION

Compaq ProLiant Cluster solutions provide high availability for applications and data in a business-critical environment.

The Compaq ProLiant Cluster/F100 exploits Compaq's industry-leading server products, Compaq Fibre Channel Storage, Ethernet or ServerNet interconnect and Compaq's leading installation and systems management utilities.

The Compaq ProLiant Cluster/F100 utilizes the industry standard Microsoft Cluster Server software for cluster operation and management.

Compaq provides a cluster kit which contains the components required to connect two Compaq servers and Compaq Fibre Channel Storage systems together in a cluster. This cluster kit contains documentation and an interconnect cable.

### STANDARD FEATURES

#### Maximum Availability, Minimum Cost

Because they are built from industry-standard components, Compaq ProLiant Clusters deliver high levels of application availability at a much lower cost than traditional, proprietary cluster solutions. The Compaq ProLiant Cluster/F100 utilizes Compaq industry-leading servers, the fast and reliable Compaq Fibre Channel Storage System, cluster node interconnect options providing 10 Mb/s to 100 MB/s throughput and Compaq installation and systems management software to provide an integrated high-availability solution.

#### Investment Protection

Both existing and new Compaq servers are certified for Compaq ProLiant Cluster/F100 configurations. This means that customers can build clusters using existing servers, or a mix of old and new servers.

#### Integrated Solutions

Compaq ProLiant Clusters integrate hardware and software to provide a total solution for business-critical environments. Compaq servers, interconnect options, system management software and implementation documentation have all been thoroughly tested in cluster configurations. Compaq's close relationship with application partners has resulted in the development of cluster application TechNotes to assist in the rapid deployment of major business applications on Compaq ProLiant Clusters.

### Sophisticated Cluster Management

Compaq ProLiant Cluster/F100 configurations exploit Compaq SmartStart and Compaq Insight Manager software to enable rapid installation, configuration and deployment of clustered environments throughout the enterprise. Compaq SmartStart and Compaq Insight Manager are now "cluster enabled" allowing easy installation and sophisticated cluster and systems management either locally or from remote locations.

### COMPONENTS

#### Servers

All models of the ProLiant 850R, 1600, 2500, 3000, 4500, 5000, 5500, 6000, 6500 and 7000 servers are supported in a cluster. Some server mixes are also supported. Check [www.compaq.com/solutions/enterprise](http://www.compaq.com/solutions/enterprise) for the latest list of supported servers and server combinations.

#### Interconnect

Compaq strongly recommends the use of a private network connection between cluster nodes. An Ethernet crossover cable is included in the Compaq ProLiant Cluster/F100 Kit for this purpose.

Tandem's ServerNet interconnect technology is also supported in cluster configurations.

#### Storage

Compaq ProLiant Cluster/F100 configurations have been certified with Compaq Fibre Channel Storage Systems as shared storage.

#### Supported Operating Systems

Microsoft<sup>1</sup> NT Server 4.0 Enterprise Edition (includes Microsoft Cluster Server).

#### Compaq ProLiant Cluster/F100 Kit

12' Ethernet Crossover Cable

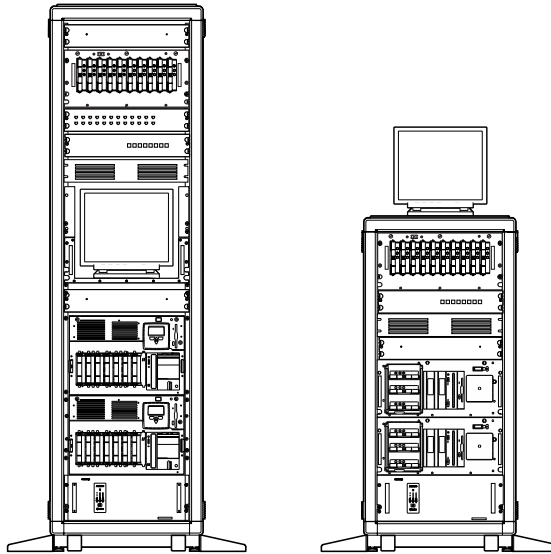
Compaq ProLiant Cluster/F100 User Guide

Compaq ProLiant Cluster/F100 Installation Poster  
Technotes:

- Microsoft IIS 3.0 Service Failover Using MSCS
- Microsoft IIS 3.0 Resource Failover Using MSCS
- Microsoft File and Print Service Failover Using MSCS

## COMPONENTS *(cont'd)*

### Cluster Configuration Examples



## OPTIONS

All server and Fibre Channel Storage options are supported with the exception of Recovery Server Option and the Compaq ProLiant Cluster/S100 Kit.

Compaq ProLiant Cluster/F100 Kit	309816-B21
CL14U Cluster Rack Kit	347272-B21
100' Ethernet Cable	309835-B21
Tandem ServerNet Controller	309833-B21
Tandem ServerNet Cable (4m)	309834-B21
Tandem ServerNet Cable (30m)	309834-B22

## Service and Support

Compaq servers and storage systems are protected by Compaq Services including a Three-year Limited Warranty<sup>1</sup>, 7 x 24 hardware technical phone support and on-line support through CompuServe, Prodigy, America Online and the Internet. Pre-Failure Warranty applies to certain hard drives, memory and processors for servers monitored by Compaq Insight Manager 2.0 or higher. For more information on support offerings for your Compaq hardware, contact your Compaq Authorized Service Provider.

<sup>1</sup> Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-345-1518 for details.