

# bHosted

## Dedicated Apple Xserve

### Suitable for:

- Larger dynamic sites
- Testing and development
- Gaming server
- Web server
- File server
- Mail server
- DNS server
- Database server

### Pricing:

- Service Model: Customer-managed service model
- Monthly Fee: AUD\$395
- Set-up Fee: AUD\$200
- Contract: 24 months

### Optional Extra:

- Apple iBook: \$95/month



### Technical Specifications

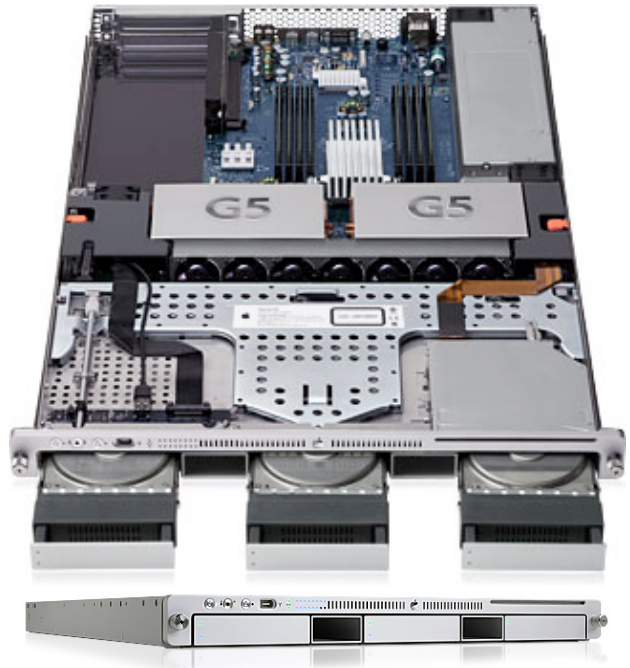
- RAM: 512Mb [extra 512Mb upgrade add \$10/month]
- CPU: Dual G5 2Ghz
- HDD: 80Gb [Additional 80Gb add \$25/month]
- Internet Connection: 100Mb
- Internet Data Inbound: 1Gb inc. [Additional data at \$0.066/Mb]
- Internet Data Outbound: Free

### Web hosting

- Apache web server (1.3 and 2.0)
- SSL/TLS (OpenSSL)
- WebDAV
- Perl (5.8.1), PHP (4.3), Ruby
- MySQL 4

### Application servers

- JBoss application server (EJB)
- Apache Tomcat (4.1)
- Java virtual machine (J2SE)
- WebObjects Deployment (5.2)
- Apache Axis (SOAP, XML-RPC)



This customer-managed dedicated server allows you to install software and manage operations.

Customers are responsible for its day-to-day running including all patch installation, storage management and back-ups.

Free Nightly Backups via Network Attached Storage (NAS) to central SAN within rack.  
Offsite Tape Backup available. Quote on request.

### Server Platform

- OSX 10.3 [Free BSD Darwin Kernel]

### Support

- 9AM-7PM Mon-Fri [AEST]
- 24X7 Emergency Support charged at \$150/hour

Mac OS X Server adds an intuitive interface to the open source Apache web server, making it easy to host reliable, high-performance websites. It features a front-end cache that improves performance of static HTML pages, as well as built-in support for collaborative publishing, database integration, and server-side scripting — allowing you to host dynamic content and sophisticated web services. Strong 128-bit encryption and realm-based authentication provides high-grade security for e-commerce solutions and intranet sites.

With the built-in JBoss application server and full support for JSPs, Java Servlets, SOAP and XML-RPC, Mac OS X Server provides a complete solution for hosting Java 2 Enterprise Edition (J2EE) applications. It also features powerful deployment tools that simplify configuration of application resources and EJB components.

### **Media streaming**

- QuickTime Streaming Server
- QuickTime Broadcaster
- QTSS Publisher

QuickTime Streaming Server and QuickTime Broadcaster provide an end-to-end solution for live encoding and streaming digital media. QuickTime supports MPEG-4, the new industry standard for delivering broadcast quality audio and video over the Internet. The new QTSS Publisher application makes it easy to hint media, create and edit playlists, and push content out to the streaming server from any Mac OS X system.

### **Mail services**

- SMTP (Postfix)
- POP and IMAP (Cyrus)
- SSL/TLS encryption (OpenSSL)
- Mailing lists (Mailman)
- WebMail (SquirrelMail)

The comprehensive, easy-to-use mail services in Mac OS X Server are based on popular open source projects, including Postfix, Cyrus, Mailman, and SquirrelMail. Full support for Internet mail protocols ensures compatibility with standards-based mail clients on Mac, Windows, and Linux systems, and built-in SSL/TLS encryption provides secure mail transport.

### **Networking and VPN**

- DNS server (BIND 9)
- DHCP server
- NAT server
- VPN server (L2TP, PPTP)
- Firewall (IPFW)

Core network services in Mac OS X Server — including DNS, NAT, DHCP, and Firewall — are integrated into the Server Admin utility, making it easier to set up and secure your local area network. The built-in Virtual Private Network server provides secure remote access to your LAN from anywhere on the Internet. Using L2TP and PPTP tunnelling protocols, the VPN server supports encrypted, authenticated IP connections for Mac, Windows, and Linux clients.

### **Management features**

- Automatic Set-up
- Server Admin
- Workgroup Manager
- Network Image Utility
- Secure Shell (SSH2)
- Server Monitor
- SNMPv3 (Net-SNMP)

Industry-leading tools for secure remote administration make services easy to set up and manage from any Mac OS X Panther system, anywhere on the Internet. Server Admin provides a graphical user interface for configuring and monitoring network and Internet services, and support for SSH2 enables secure remote administration from the command-line. Mac OS X Server also supports the open-standard SNMPv3 protocol for integration with third party monitoring and management software. The new Automatic Set-up simplifies data centre deployments by enabling you to set up multiple servers from configuration settings stored in a directory server, your iPod, or other external FireWire or USB storage device.

### **High availability features**

- Automatic recovery
- File system journaling
- IP fail-over
- Software RAID
- Disk space monitor

Mac OS X Server maximises the availability of your network services with sophisticated fault resilience and recovery capabilities. Built-in tools continuously monitor activity and recover services in the event of an application, system or power failure. The journaled file system helps you get up and running quickly after an unexpected shutdown. Support for IP fail-over can further increase service availability when you have more than one Mac OS X Server system: If one server fails, the second server can take over the IP address and deliver services for the failed system. In addition, software RAID provides drive striping and mirroring for improved performance and reliability of server storage.

## Notes

1. Auto debit payment from major credit cards is the only accepted payment option for bHosted.
2. bHosted charges exclude any domain name registration charges imposed by domain name registration authorities.
3. To register a new .com.au domain will normally cost AUD\$99.00 for two years.
4. If your site's data transfer exceeds the allocated amount per month, a fee will be charged for the excess traffic. bHosted will charge you AUD\$0.066 per Mb (rounded up) data transferred from your site over 1Gb
5. Customer support model for bHosted Dedicated Servers is 'customer-managed'. Customers are responsible for the care and maintenance of their own operating system. Additional support services are available on a 'fee for service' basis.
6. Customer support for bHosted Dedicated Servers is available 9:00am to 7:00pm AEST, Monday to Friday.
7. Prices are in Australian dollars and are inclusive of GST.
8. bHosted Terms and Conditions apply.
9. bHosted Standard Terms and Conditions apply.