# SPECweb96 Result

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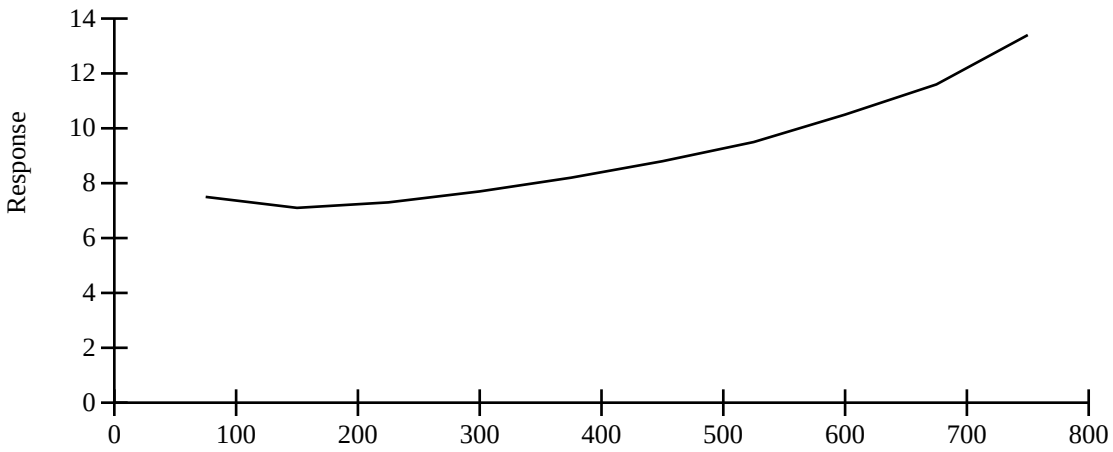
## Hewlett-Packard
## LH Pro

**SPECweb96= 750**

Test Date : Aug-97
Tested by : Hewlett Packard

| Hardware Avail: | Mar-97 | OS Avail: | Jun-97 | HTTP Software Avail: | Mar-97 | SPEC license #: | 3 |
|---|---|---|---|---|---|---|---|

| Throughput ops/sec | Response msec |
|---|---|
| 75 | 7.5 |
| 150 | 7.1 |
| 225 | 7.3 |
| 300 | 7.7 |
| 375 | 8.2 |
| 450 | 8.8 |
| 525 | 9.5 |
| 600 | 10.5 |
| 675 | 11.6 |
| 750 | 13.4 |




### Hardware

| | |
|---|---|
| Model Name: | LH Pro |
| Processor: | 200Mhz PPro |
| # of Processors: | 1 |
| Primary Cache: | 8KBI+8KBD on chip |
| Secondary Cache: | 512KB(I+D) |
| Other Cache: | -- |
| Memory: | 1024 MB |
| Disk Subsystem: | 2 4GB 7200 RPM Drive |
| Disk Controllers: | 2 SCSI |
| Other Hardware: | -- |

### Software

| | |
|---|---|
| Operating System: | NT 4.0 SP3 |
| File System: | NTFS |
| Other Software: | tcpip.sys patch from NT hot fix after SP 3 |

### HTTP Software

| | |
|---|---|
| Vendor: | HP/Microsoft |
| HTTP Software: | Microsoft IIS 3.0 |
| # of "threads": | 1 |
| Server Cache: | Default |
| Log Mode: | Combined |

### Network

| | |
|---|---|
| # of Controllers: | 2 |
| Network Controllers: | DEC FDDI |
| # of Nets: | 2 |
| Type of Nets: | FDDI over UTP |
| Network Speed: | 100Mbit |
| Time Wait (secs): | 60 (Non RFC1122) |

### Load Generators

| | |
|---|---|
| # of Load Generators: | 6 |
| # of Processes Each: | 3 |
| Model: | Hewlett-Packard Vectra XA |
| Processor: | Pentiu, Pro 200/512K |
| # of CPUs: | 1 |
| Memory: | 96KB |
| OS: | NT 4.0 Workstation SP3 |
| Compiler: | Visual C++ 5.0 |

### Benchmark Configuration

| | |
|---|---|
| Max Requested Load: | 750 |
| Max Fileset Size (MB): | 600 |

## Notes/Tuning Information

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The DEC DEFPA-MB cards are dual attach station (DAS) FDDI over category 5 twisted pair.
No hubs were employed, each of the 2 networks is connected as a ring using both attachments.
Each network included one card in the SUT and two of the clients.
clients 1(prime), 2 and 3 on 1st segment, clients 3, 4 and 5 2nd.
Performance Boost for Foreground Application=NONE ---Do not raise the priority of the foreground application, default is halfway.
Disable IIS Windows NT Challenge/Response ---Disables IIS user information encryption, default is enabled.
Added Registry Entry InetInfo/Parameters/LogFileFlushInterval=0x3c ---Makes the log file flush interval 60 seconds, default is 30.
Added Registry Entry InetInfo/Parameters/LogFileBatchSize=0x2000000 ---Forces the log file flush size to be MIN(60sec,32MB), default is 64KB.
Added Registry Entry InetInfo/Parameters/ObjectCacheTTL=0xea60 ---Keeps IIS open descriptors active at least 16.6 hours, default is 30 sec.
Added Registry Entry InetInfo/Parameters/MemoryCacheSize=0x2000000 ---Ups the cache open descriptor table to 32MB, default is 3MB.
Added Registry Entry InetInfo/Parameters/ListenBacklog=0x19 ---Specifies maximum active connections to hold in server queue, default is 15.
Added Registry Entry Tcpip/Parameters/MaxFreeTcbs=0xC15C ---Increases the TCB timewait table to 49500 entries, default is 2000.
Added Registry Entry Tcpip/Parameters/MaxHashTableSize=0x10000 ---Sets TCB hash table size to 65,536 entries, default is 512.
Added Registry Entry Tcpip/Parameters/TcpTimedWaitDelay=0x3c ---Sets TIME_WAIT parameter to 60 seconds (non-RFC 1122), default is 240.
One 2.1GB 7200RPM Drive for OS and IIS Data, One 2.1GB 7200RPM Drive for IIS logs, One 2.1GB 7200RPM Drive for Pagefile
```

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