

CERTIFICATION

SAP Standard Application Benchmarks

The SAP SD standard SAP ERP 6.0 (2005) application benchmark performed on February 15, 2008 by HP in Houston, TX, USA was certified on February 26, 2008 with the following data:

Number of benchmark users & comp.:	34,000 SD (Sales & Distribution)
Average dialog response time:	1.99 seconds
Throughput:	
Fully processed order line items / hour:	3,404,000
Dialog steps / hour:	10,212,000
SAPS:	170,200
Average DB request time (dia/upd):	0.051 sec / 0.080 sec
CPU utilization of database server:	93%
CPU utilization of application servers:	66% (dia: 70%, upd: 70%, enq: 9%)
Operating System all servers:	Windows Server 2008 Enterprise Edition
RDBMS database server:	SQL Server 2008
SAP ECC Release:	6.0

Configuration:

Database server: HP ProLiant BL680c G5, 4 processors / 16 cores / 16 threads, Quad-Core Intel Xeon Processor E7340 2.4 GHz, 64 KB L1 cache per core and 4 MB L2 cache per 2 cores, 64 GB main memory

15 Application servers:

14 Dialog/Update servers: HP ProLiant BL680c G5, 4 processors / 16 cores / 16 threads, Quad-Core Intel Xeon Processor E7340 2.4 GHz, 64 KB L1 cache per core and 4 MB L2 cache per 2 cores, 64 GB main memory

1 Message/Enq. server: HP ProLiant BL680c G5, 4 processors / 16 cores / 16 threads, Quad-Core Intel Xeon Processor E7340 2.4 GHz, 64 KB L1 cache per core and 4 MB L2 cache per 2 cores, 64 GB main memory

Certification Number. 2008003