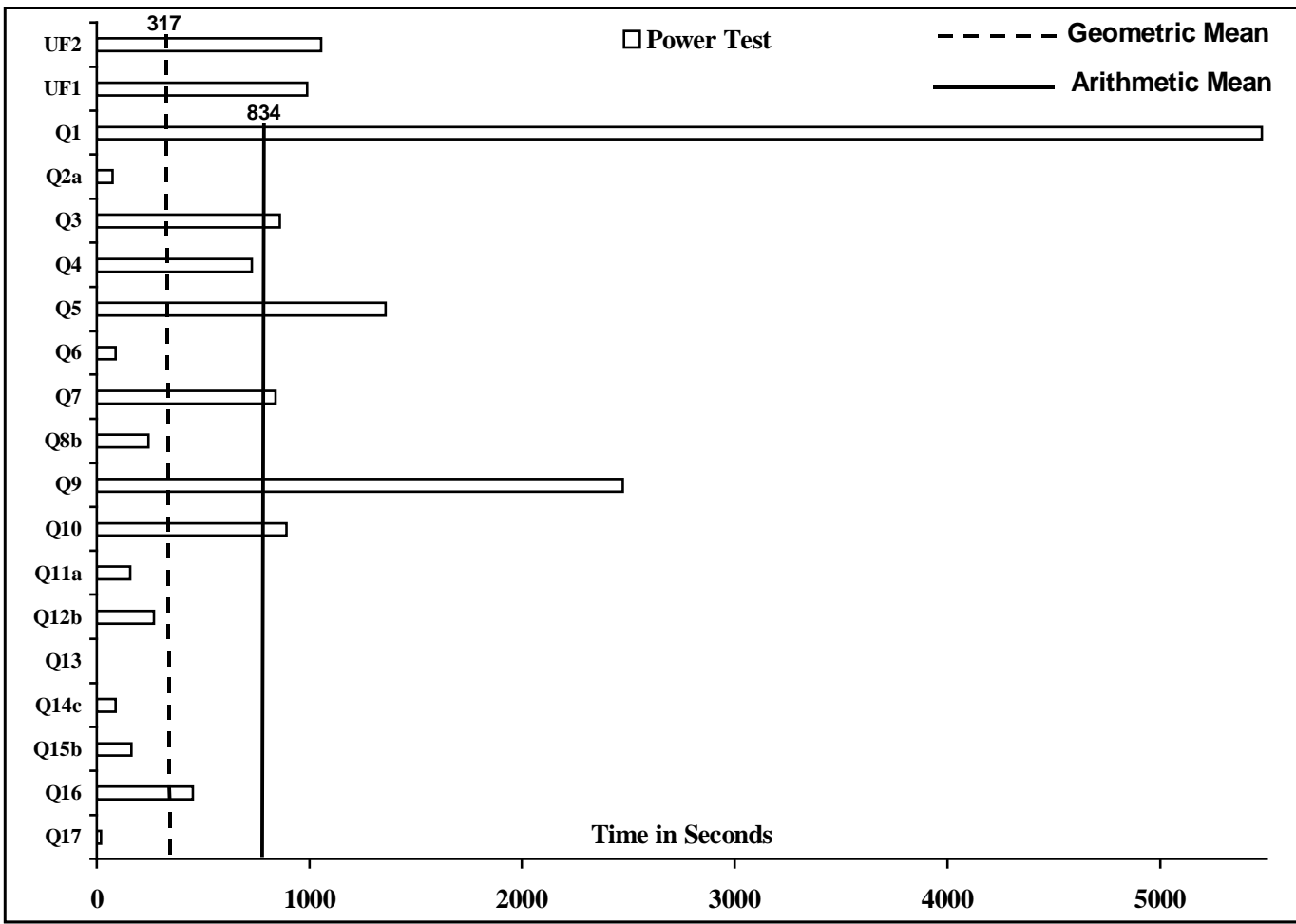


Data General Corporation	AViiON AV6600	TPC-D REV 1.2.3	
	with Oracle 8.04	Report Date:	11-Nov-97

TOTAL SYSTEM COST	TPC-D POWER	TPC-D THROUGHPUT	PRICE/PERFORMANCE
444,271	1135.7 QppD @ 100GB	377.4 QthD @ 100GB	679 \$ per QphD @ 100GB

DATABASE SIZE	DATABASE MANAGER	OPERATING SYSTEM	OTHER SOFTWARE	AVAILABILITY DATE
100GB	Oracle Version 8.0.4	Microsoft Windows NT 4.0 SP3	MKS Toolkit NT Resource Kit Visual C++	30-Dec-97



DATABASE LOAD TIME = 29:35:00	DISK SIZE/DATABASE SIZE = 3.86	RAID: N
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SYSTEM COMPONENTS	DESCRIPTION
NUMBER OF NODES	Data General AViiON AV6600
PROCESSORS	6 x 200MHz PentiumPro, 1M Cache
MEMORY	2 GB
DISK DRIVES	42 x 9.0 GB and 2 x 4.0 GB
TOTAL GB OF STORAGE	386 GB

Data General Corporation	AViiON AV6600 with Oracle 8.04		TPC-D REV 1.2.3			
					Report Date: 11-Nov-97	
Description	Part Number	Unit Price	Qty	Extended Price	5 yr. Maint. Price	
Server Hardware						
AV6600,3 CPU/512KB, 256MB, LAN, SCSI, CD	70708-AE	28,436	1	28,436	5,697	
ADD-ON 512MB MEM (4X128MB DIMM)	7105	9,446	3	28,338	1,590	
REPL 256MB WITH 512MB (4X128MB DIMM)	R7374	5,246	1	5,246	751	
REPL TRI-CPU BOARD W(200MHZ/1MB)	R7389	13,676	1	13,676	1,104	
ADD-ON TRI-CPU BOARD (200MHZ/1MB)	7119	24,476	1	24,476	1,104	
D1600I 14" TERMINAL, WHITE, ERGONOMIC	6945W	306	1	306	221	
D1200I/D1600I 101-KEYBOARD, PWR CORD	G6001A-A	58	1	58	66	
60" DEEPRACK CABINET	14001-G7	2,725	1	2,725	0	
Other PCI Fibre Channel Host	118025373	750	1	750	1,102	
Subtotal:				104,012	11,634	
Server Software						
ORACLE8.04 FOR NT W/PARALLEL OPTION	ORACLE8.04P NT	60,192	1	60,192	105,840	
WIN NT SVR 4EE,1-8 CPU PRE-INSTALL	Q138AG21CD	4,000	1	4,000	14,400	
Windows NT Resource Kit	NT RESRC KIT	499	1	499	0	
MKS Toolkit for NT	MKS NT	499	1	499	0	
Microsoft Visual C++ v. 4.0	VISUAL C++ 4.0	499	1	499	2,852	
Subtotal:				65,689	123,092	
Storage Devices						
P-F-Rack/Rack Cabinet	9470157	5,000	1	5,000	0	
DAE Rackmount Kit	C7680G-A	75	5	375	0	
Rackmount 10-slot DAE	C5001R-ASC	3,206	5	16,031	6,494	
9GB 7200 RPM Disk	C0972FG-A	1,988	42	83,475	24,797	
Host to DAE FC Cable	15496 E010	75	1	75	0	
4GB 1" HOT SWAP DISK FOR AV3600R/6600	61024-SJC	1,356	2	2,712	884	
Subtotal:				107,668	32,175	
Total:				277,369	166,901	
Five Year Cost of Ownership:					444,271	

Audited By: Francois Raab of Information Paradigm, Inc.

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark specifications.

If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.

Data General Corporation	AViiON AV6600 with Oracle 8.04	TPC-D REV 1.2.3	
		Report Date:	11-Nov-97

Numerical Quantities

Measurement Results:

Database Scaling (SF/Size)	=	100
Total Data Storage / Database Size	=	3.86
Database Load Time	=	29 hours 35 minutes 0 seconds
Query Streams for Throughput Test	=	0
TPC-D Power Metric (QppD@100GB)	=	1135.7
TPC-D Throughput Metric (QthD@100GB)	=	377.4
TPC-D Composite Query-per-Hour Rating (QphD@100GB)	=	654.7
Total System Price Over 5 Years	=	\$444,271
TPC-D Price Performance Metric (\$/QphD@100GB)	=	\$679

Measurement Intervals

Measurement interval in Throughput Test (TS) = 16218 seconds

Duration of Stream Execution:

Stream ID	Seed	Start Date	Start Time	End Date	End Time	Total Time
UF1		10/19/97	14:51:58	10/19/97	15:08:28	0:16:30
Stream 00	332300075	10/19/97	14:51:58	10/19/97	19:22:16	4:30:18
UF2		10/19/97	19:04:40	10/19/97	19:22:16	0:17:36

Timing Intervals (in Seconds)

Query	Q1	Q2a	Q3	Q4	Q5	Q6	Q7	Q8b	Q9
Stream 00	5479.5	73.9	859.7	726.2	1358.0	88.5	839.4	243.0	2471.9

Query	Q10	Q11a	Q12b	Q13	Q14c	Q15b	Q16	Q17	UF1	UF2
Stream 00	890.9	155.3	267.9	4.1	86.3	159.5	450.1	16.4	988.7	1054.5