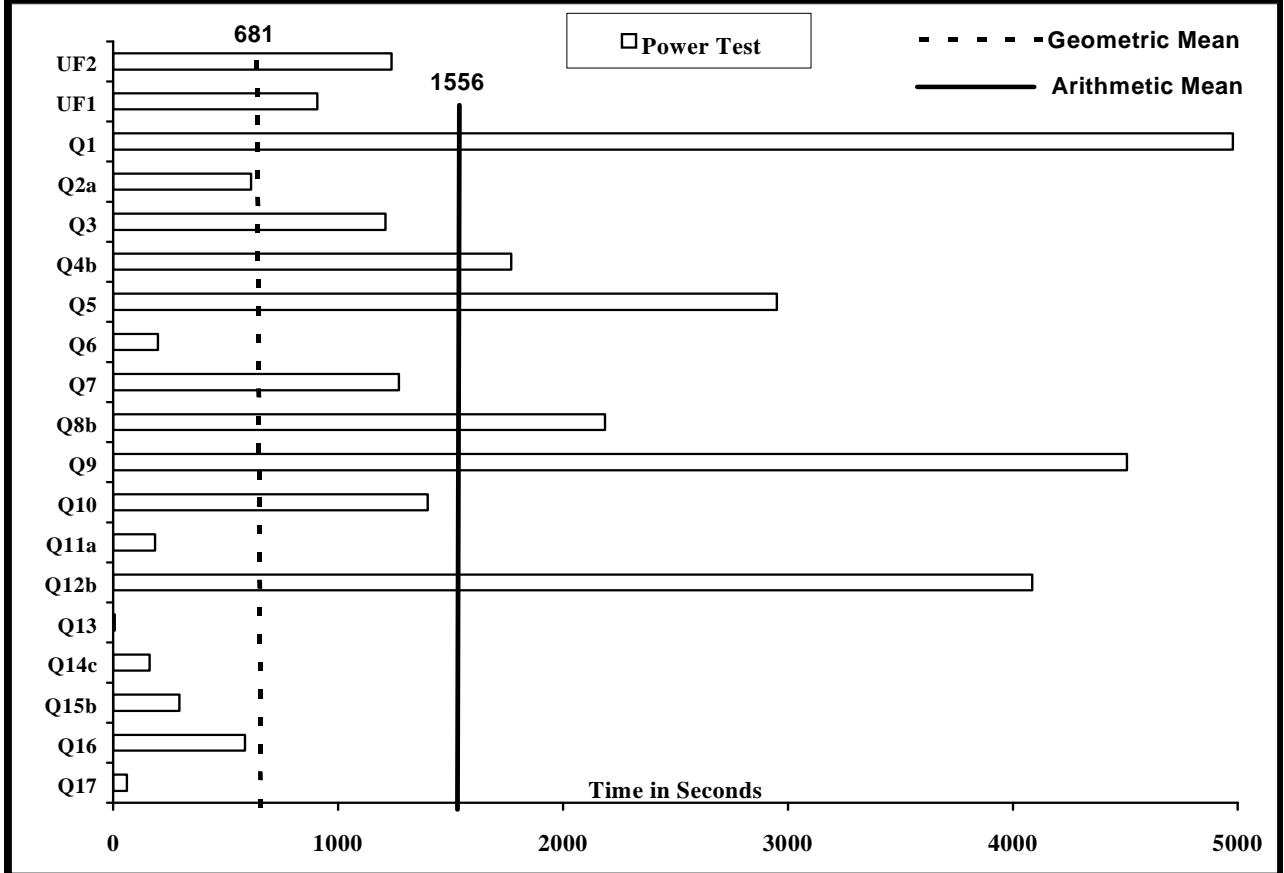


Data General Corporation	AViiON AV6600 with Oracle 8.03	TPC-D REV 1.2.3	
		Report Date:	6-Aug-97

TOTAL SYSTEM COST	TPC-D POWER	TPC-D THROUGHPUT	PRICE/PERFORMANCE
627,123	528.6 QppD @ 100GB	213.9 QthD @ 100GB	1,865 \$ per QphD @ 100GB

DATABASE SIZE	DATABASE MANAGER	OPERATING SYSTEM	OTHER SOFTWARE	AVAILABILITY DATE
100GB	Oracle Version 8.0.3	Microsoft Windows NT 4.0 SP3	MKS Toolkit NT Resource Kit Visual C++	30-Nov-97 * see notes section



DATABASE LOAD TIME = 35:01:00	DISK SIZE/DATABASE SIZE = 3.59	RAID: N
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SYSTEM COMPONENTS	DESCRIPTION
NUMBER OF NODES	Data General AViiON AV6600
PROCESSORS	6 x 200MHz PentiumPro, 512K Cache
MEMORY	2 GB
DISK DRIVES	83 x 4.3 GB and 1 x 2.1 GB
TOTAL GB OF STORAGE	359 GB

Data General Corporation	AViiON AV6600 with Oracle 8.03		TPC-D REV 1.2.3		
			Report Date: 6-Aug-97		
Description	Part Number	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware					
AV6600,3 CPU, 256MB, LAN, SCSI, CD	70706-AE	30,547	1	30,547	9,196
ADD-ON 512MB MEM (4X128MB DIMM)	7105	15,360	3	46,080	4,860
REPL 256MB WITH 512MB (4X128MB DIMM)	R7374	10,816	1	10,816	1,426
ADD-ON TRI-CPU BOARD (200MHZ/512K)	7100	12,997	1	12,997	1,497
D1600I 14" TERMINAL, WHITE, ERGONOMIC	6945W	293	1	293	357
D1200I/D1600I 101-KEYBOARD, PWR CORD	G6001A-A	56	1	56	107
60" DEEPRACK CABINET	14001-G7	1,772	1	1,772	0
2 channel SCSI controller	3944-AUWD	715	4	2,860	2,048
Subtotal:				105,421	19,491
Server Software					
ORACLE8 FOR NT	ORACLE NT	60,192	1	60,192	105,840
WIN NT EE PRE-INSTALL LMD	Q139AG21CD	3,999	1	3,999	10,560
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:				65,688	119,252
Storage Devices					
4GB 1" HOT SWAP DISK FOR AV3600R/6600	61024-SJC	1,102	1	1,102	571
2GB 1" HOT SWAP DISK FOR AV3600R/6600	61024-SJC	777	1	777	571
HIGH PERFORMANCE ARRAY PACKAGE	79301R-E	28,574	4	114,296	26,876
NT ATTACHMENT KIT FOR CLARiiON	7945	488	1	488	0
REPLACE 8MB CACHE WITH 64MB	R7341	4,004	4	16,016	8,447
4GB 7200 RPM Disk	79012HC	1,313	82	107,666	40,461
Subtotal:				240,345	76,926
Total:				411,454	215,669
Five Year Cost of Ownership:					627,123
Audited By: Francois Raab of Information Paradigm, Inc.					
<p>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.</p> <p>If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.</p> <p>AVAILABILITY NOTE: All components are available immediately, except NT 4.0 Enterprise Edition, available 30-Nov-97.</p>					

Data General Corporation	AViiON AV6600 with Oracle 8.03	TPC-D REV 1.2.3
		Report Date: 6-Aug-97

Numerical Quantities

Measurement Results:

Database Scaling (SF/Size)	=	100
Total Data Storage / Database Size	=	3.59
Database Load Time	=	35 hours 1 minutes 0 seconds
Query Streams for Throughput Test	=	0
TPC-D Power Metric (QppD@100GB)	=	528.6
TPC-D Throughput Metric (QthD@100GB)	=	213.9
Total System Price Over 5 Years	=	\$627,123
TPC-D Price Performance Metric (\$/QphD@100GB)	=	\$1,865

Measurement Intervals

Measurement interval in Throughput Test (TS)	=	28609 seconds
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Duration of Stream Execution:

Stream ID	Seed	Start Date	Start Time	End Date	End Time	Total Time
UF1		7/31/97	11:07:21	7/31/97	11:22:34	0:15:13
Stream 00	857038079	7/31/97	11:07:21	7/31/97	19:04:15	7:56:54
UF2		7/31/97	18:43:37	7/31/97	19:04:15	0:20:38

Timing Intervals (in Seconds)

Query	Q1	Q2a	Q3	Q4b	Q5	Q6	Q7	Q8b	Q9
Stream 00	4977.8	612.5	1210.1	1769.5	2950.5	198.6	1269.9	2185.9	4506.5

Query	Q10	Q11a	Q12b	Q13	Q14c	Q15b	Q16	Q17	UF1	UF2
Stream 00	1398.5	186.4	4086.0	7.0	162.0	293.7	585.6	60.5	908.1	1237.5