



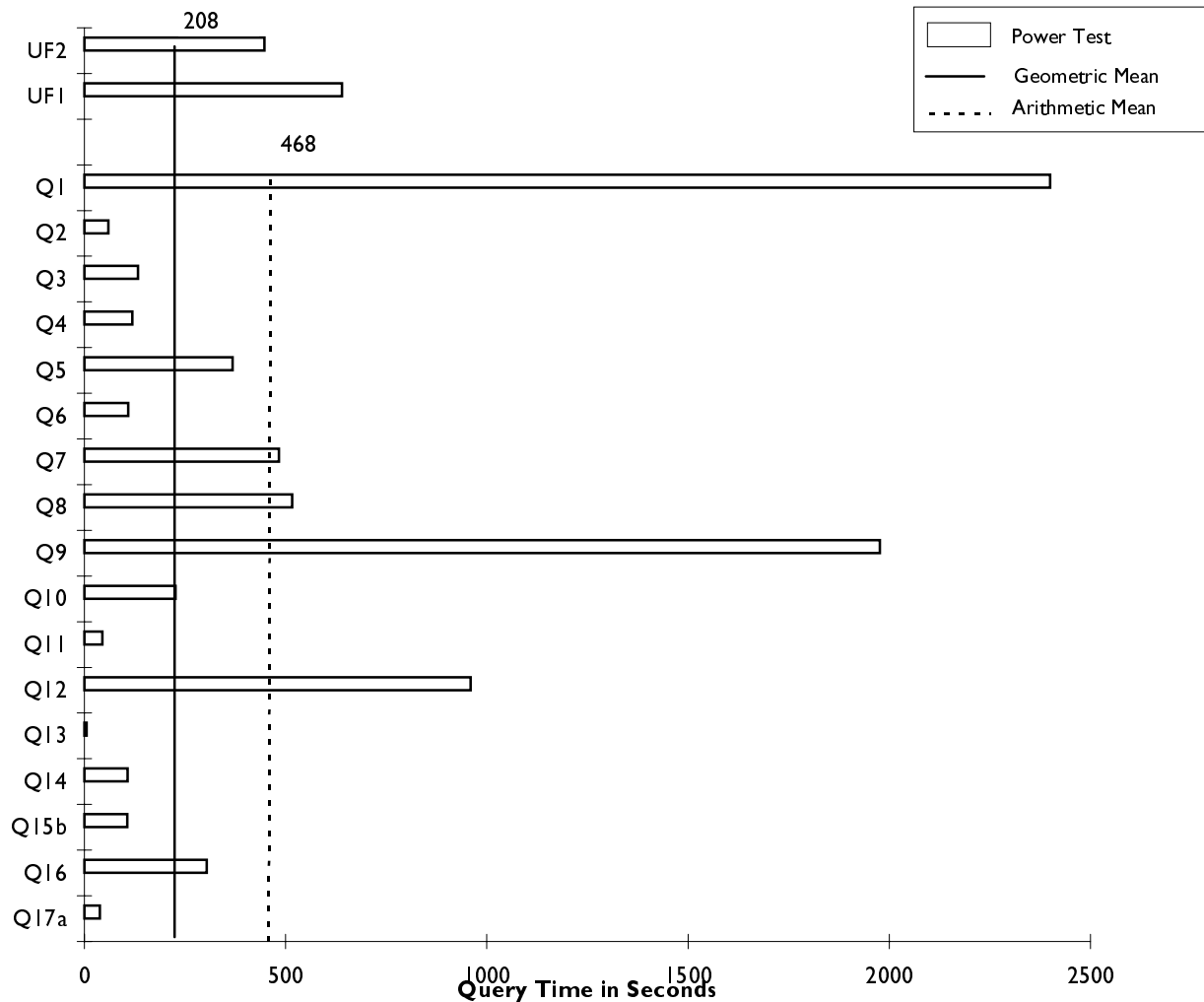
Amdahl EnVista Frontline Server
Using
Informix Online XPS v. 8.20TC1

TPC-D Rev: 1.2.3

Report Date:

13-Aug-97

Total System Cost	TPC-D Power	TPC-D Throughput	Price/Performance	
\$517,409	518.8	200.1	\$1,606	
	QppD@30GB	QthD@30GB	QphD@30GB	
Database Size	Database Manager	Operating System	Other Software	Availability Date
30GB	Informix Online XPS v. 8.20TC1	Microsoft Windows NT 4.0	None	22-Jan-98



Database Load Time = 9:44:27

Total Data Storage / Database Size = 7.85

RAID: Y

System Configuration

4 200MHz Pentium Pro Processors w/ 512 KB cache
 2GB Main Memory
 62 4GB Disk Drives



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Description	Part Number	Source	Unit Price	Qty	Extended Price	5 Yr. Maint. Cost
Server Hardware						
EnVista Server Model FSR	NVISTA-FSR-4006	Amdahl	7,425	1	7,425	3,120
CPU board with 2-						
200MHz/512KB CPUs	NVISTA-FSR-2672	Amdahl	5,094	2	10,188	1,920
512 MB memory kit	NVISTA-FSR-2679	Amdahl	7,101	4	28,404	16,080
UltraWide SCSI Adapters	NVISTA-SCSI-2691	Amdahl	630	4	2,520	1,200
Differential SCSI Cables	NVISTA-FSR-2761	Amdahl	122	4	488	-
4.3 GB internal disks	NVISTA-FSR-2658	Amdahl	891	2	1,782	960
72" Data Center Cabinet	NVISTA-EVCAB-2747	Amdahl	2,835	1	2,835	3,000
4 mm DAT Tape Drive	NVISTA-TAPE-2704	Amdahl	1,287	1	1,287	480
Keyboard/Mouse	NVISTA-KBD-2722	Amdahl	104	1	104	-
15" Monitor	NVISTA-MON-2720	Amdahl	473	1	473	600
Keyboard/Monitor/ Mouse Extension Cables	NVISTA-EVCAB-2746	Amdahl	99	1	99	-
UPS	NVISTA-EVCAB-2738	Amdahl	3,150	1	3,150	3,000
10/100baseT Ethernet Adapter	NVISTA-ENET-2683	Amdahl	90	1	90	300
		Subtotal			58,845	30,660
Server Software						
NT 4.0 Serverw/10 CAL	NVISTA-NTE-0109	Amdahl	809	1	809	4,045
INFORMIX XPS 8.20TC1(40 users)		Informix	3,000	40	120,000	133,600
		Informix Discount	29%		(34,800)	(38,744)
	Subtotal				86,009	98,901
Storage						
LVS 4500 Logical Storage Module	4500-001-8120	Amdahl	-	2	-	38,400
Intelligent Memory (96 MB kit)	4500-001-7381	Amdahl	2,797	2	5,594	-
4.3GB disk drives (20-count)	4500-001-7405	Amdahl	54,544	2	109,088	-
Storage Expansion Module	4500-001-7410	Amdahl	2,762	2	5,524	9,600
4.3GB disk drives (10-count)	4500-001-7395	Amdahl	37,394	2	74,788	-
	Subtotal				194,994	48,000
		Total			339,848	177,561
		5 Year Cost of Ownership			\$ 517,409	
		QphD@30GB			322	
		\$/QphD@30GB			\$ 1,606	

Audited By: Francois Raab, Information Paradigm

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 are 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.



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Measurement Results

Scale Factor	=	30
Total Data Storage / Database Size	=	7.85
Database Load Time	=	9:44:27
Query Streams for Throughput Test	=	0
TPC-D Power Metric(QppD@30GB)	=	518.8
TPC-D Throughput Metric(QthD@30GB)	=	200.1
Composite QphD@30GB	=	322.2
Total System Price Over 5 Years	=	517,409
TPC-D Price/Performance Metric	=	\$ 1,606

Measurement Intervals

Measurement Interval in Throughput Test (Ts)	=	9176
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Duration of stream execution

Stream ID	Seed	Start-Date	Start-Time	End-Date	End-Time	Total Time
Stream00	1696584665	07/27/97	3:46:55	07/27/97	6:19:51	2:32:56
Updates	UF1	07/27/97	3:46:55	07/27/97	3:57:41	0:10:46
	UF2	07/27/97	6:10:10	07/27/97	6:19:51	0:09:41

TPC-D Timing Intervals (in seconds):

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2397.2	59.3	132.2	117.2	368.1	108.5	484.6	515.0	1980.8	229.4

Q11	Q12	Q13	Q14	Q15b	Q16	Q17a	UF1	UF2
44.5	953.4	5.3	106.8	105.7	302.7	39.0	645.9	580.4