



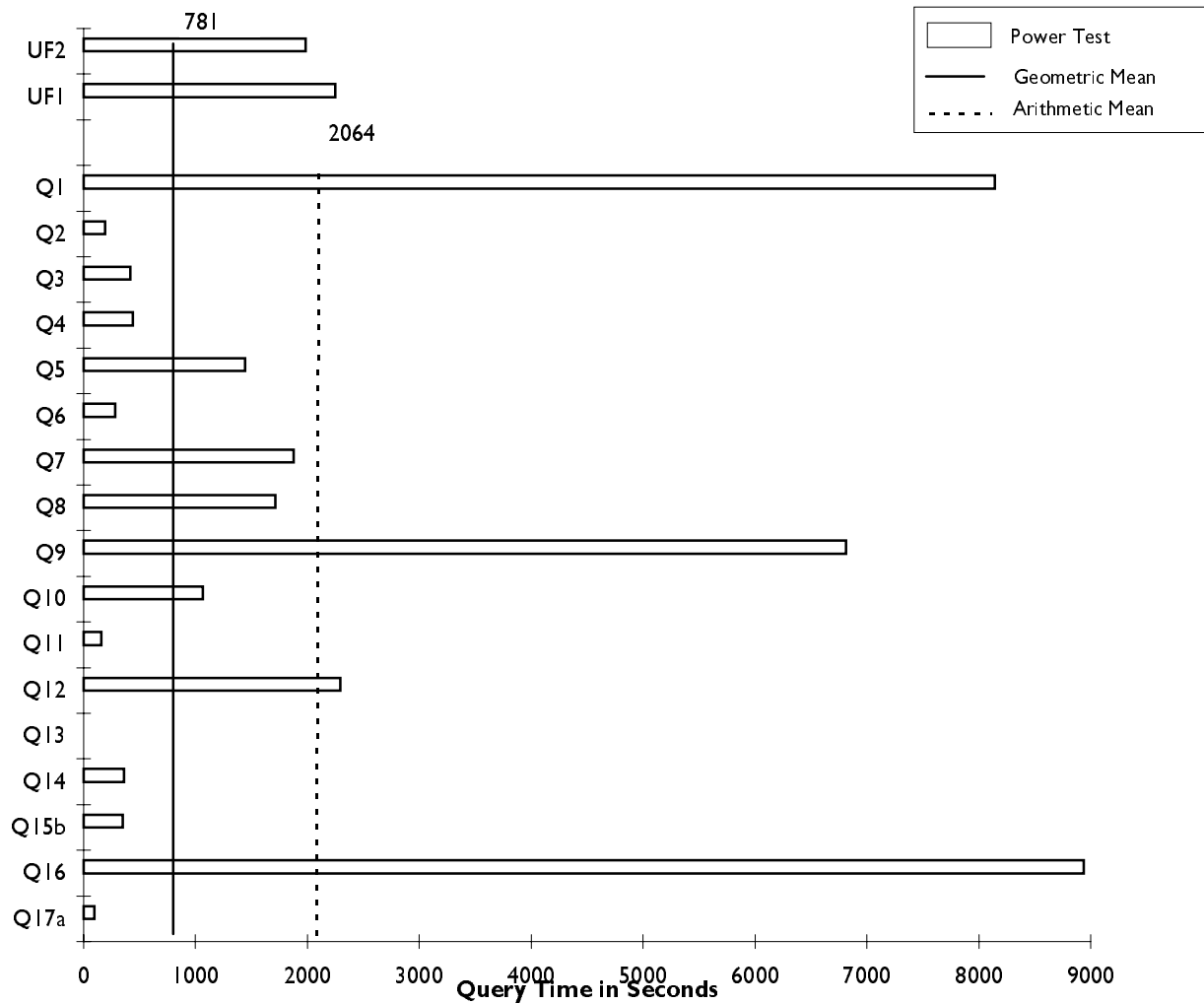
Amdahl EnVista Frontline Server
Using
Informix Online XPS v. 8.20TC1

TPC-D Rev: 1.2.3

Report Date:

22-Jul-97

Total System Cost	TPC-D Power	TPC-D Throughput	Price/Performance	
\$611,699	460.8	152.4	\$2,308	
	QppD@100GB	QthD@100GB	QphD@100GB	
Database Size	Database Manager	Operating System	Other Software	Availability Date
100GB	Informix Online XPS v. 8.20TC1	Microsoft Windows NT 4.0	None	22-Jan-98



Database Load Time = 24:14:12	Total Data Storage / Database Size : 5.24	RAID: Y
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System Configuration

4 200MHz Pentium Pro Processors w/ 512 KB cache
 2GB Main Memory
 58 9GB Disk Drives
 2 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	-
9 GB disk drives (20-count)	4500-001-7989	Amdahl	85,974	2	171,948	-
Storage Expansion Module	4500-001-7410	Amdahl	2,762	2	5,524	9,600
9 GB disk drives (10-count)	4500-001-7979	Amdahl	53,109	2	106,218	-
	Subtotal				289,284	48,000
		Total			434,138	177,561
		5 Year Cost of Ownership			\$ 611,699	
		QphD@ 100	GB		265	
		\$/QphD@ 100	GB		\$ 2,308	

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.



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

TPC-D Rev: 1.2.3
 Report Date:
 22-Jul-97

Measurement Results

Scale Factor	=	100
Total Data Storage / Database Size	=	5.24
Database Load Time	=	24:14:12
Query Streams for Throughput Test	=	0
TPC-D Power Metric(QppD@100GB)	=	460.8
TPC-D Throughput Metric(QthD@100GB)	=	152.4
Composite QphD@100GB	=	265.0
Total System Price Over 5 Years	=	611,699
TPC-D Price/Performance Metric	=	\$ 2,308

Measurement Intervals

Measurement Interval in Throughput Test (Ts)	=	40154
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Duration of stream execution

Stream ID	Seed	Start-Date	Start-Time	End-Date	End-Time	Total Time
Stream00	1696584665	07/21/97	9:14:09	07/21/97	20:23:23	11:09:14
Updates	UF1	07/21/97	9:14:09	07/21/97	9:52:04	0:37:55
	UF2	07/21/97	19:36:48	07/21/97	20:23:23	0:46:35

TPC-D Timing Intervals (in seconds):

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
8197.3	190.0	432.1	446.4	1510.4	296.7	1926.9	1772.1	6916.2	1084.8
Q11	Q12	Q13	Q14	Q15b	Q16	Q17a	UF1	UF2	
158.0	2321.3	5.5	380.5	359.2	8983.3	103.4	2274.4	2795.8	