

Fujitsu Siemens PRIMEPOWER 450 Multi Node

Description	Part Number	Unit Price	Qty	Ext. Price
DB Server (PRIMEPOWER 2500) HW + SW				
PRIMEPOWER 2500 So9 Basic Cabinet 64CPU	D:GPK25-GA73	360.000,00	1	360.000,00
Systemboard 1D for 8cpu 4mem for PRIMEPOWER 2500	D:GPK25-SE73	28.000,00	7	196.000,00
Dual CPU Modul 1.3GHz SLC2MB for PRIMEPOWER 2500	D:GPK25-ZE90	40.000,00	28	1.120.000,00
Main Memory Expansion 8 GB for PRIMEPOWER 2500	D:GPK25-SP74	16.000,00	14	224.000,00
Disk Drive 73 GB 3,5" 10K rpm	D:GP71F-FP76	1.300,00	4	5.200,00
Fibre Channel Contr. Single port 2 GB	D:GP70F-CF31	3.050,00	2	6.100,00
FC Cable MMF 20m Connector DLC-DLC	D:FCKAB-MM-C10L	139,00	2	278,00
Gigabit Ethernet Contrl., Fibre Optic, 1000 BASE-SX	D:GP70F-CL16	550,00	9	4.950,00
FC Cable MMF 20m, Connector SC-SC	D:KB248-M20-Z	111,00	9	999,00
PCI/DISK Box 10 PCI Slot 4HDD Bay for PRIMEPOWER 2500	D:GPK25-BG63	39.900,00	4	159.600,00
I/O Cabinet for PCI/Disk Boxes for PRIMEPOWER 2500	D:GPK25-BG71	21.775,00	1	21.775,00
I/O Cabinet Joint A for PRIMEPOWER 2500 bc64	D:GPK25-BG72	17.225,00	1	17.225,00
System Expansion Kit for PRIMEPOWER 2500 So9 64CPU	D:GPK25-SE55	18.500,00	1	18.500,00
Solaris 9 CD set PRIMEPOWER	U24529-C509-E	300,00	1	300,00
Veritas Volume Manager 3.5, RTU Tier 4c	U24529-C318	81.780,00	1	81.780,00
3 Yr Support Price (hw and sw)				326.520,00
			Subtotal	2.543.227,00
Appl. Server (9x PRIMEPOWER 450) HW + SW				
PRIMEPOWER 450N 4U Sol9, 1x1.32 GHz, no MEM, no Disk	D:GP450-GR41C9	8.400,00	9	75.600,00
CPU 1.32 GHz, 2MB SLC for PRIMEPOWER 450	D:GP70P-ZE08	5.500,00	27	148.500,00
Memory 4 Gbyte for PRIMEPOWER 450	D:GP70P-SP03	4.400,00	18	79.200,00
Graphic Controller 48 bit	D:GP70F-CC11	400,00	9	3.600,00
Disk Drive 73 GB	D:GP70P-FP76	1.300,00	9	11.700,00
Gigabit Ethernet Contrl., Fibre Optic, 1000 BASE-SX	D:GP70F-CL16	550,00	18	9.900,00
Solaris 9 CD set PRIMEPOWER	U24529-C509-E	300,00	9	2.700,00
PRIMECENTER Rack 38U 1000 deep	D:GPRAC-BG52	2.350,00	2	4.700,00
3 Yr Support Price (sw and hw)				22.680,00
			Subtotal	358.580,00
Shared HW				
System Managem. Console (SMC package)	D:GPCON-TS25	12.890,00	1	12.890,00
Cable for Console Connection Unit	D:GP7KB-1805	190,00	2	380,00
LCD-Monitor (19 inch)	D:88MOF-463VFA	999,00	1	999,00
Keyboard, PS/2, German/International	D:TAMFL-E821	73,00	1	73,00
Mouse, PS/2, with 3 keys	D:TMA-3T	25,00	1	25,00
Ethernet Switch 8 Port 10/100 Mbps	D:GP70F-AL21	288,00	2	576,00
UTP CAT 5 Eth-cable 2 x RJ45 8pin 10m	D:GP7KB-1310	36,00	10	360,00
Highspeed Modem V.90 56kbit/s	D:8342-56K	340,00	1	340,00
3 Yr Support Price				2.916,00
			Subtotal	18.559,00
Storage				
FC-S80 Basis Shelf	D:S80-Base	3.245,00	2	6.490,00
S80 RAID Controller 2 Gbit/s	D:S80FC-RDM	8.730,00	3	26.190,00
S80 Disk, 73GB 10.000rpm	D:S80-HD7310	650,00	12	7.800,00
S80 Disk, 146GB 10.000rpm	D:S80-HD14610*	950,00	12	11.400,00
PRIMECENTER Rack 38U 1000 deep	D:GPRAC-BG52	2.350,00	1	2.350,00
3 Yr Support Price				17.280,00
			Subtotal	71.510,00
			FSC Subtotal	2.976.233,00
Oracle Software				
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Oracle Database 10g Enterprise Edition, per Processor, Unlimited Users License for 3 Years		16.718,00	56	936.208,00
Partitioning, per Processor, Unlimited Users License for 3 Years		4.180,00	56	234.080,00
Oracle Database Server Support Package for 3 Years		5.016,00	1	5.016,00
Oracle Application Server 10G Java Edition				
Processor License for 3 Year Term		2.090,00	36	75.240,00
Oracle Application Server Support Package for 3 years		836,00	9	7.524,00
Oracle Mandatory E-Business Discount (license and support)				-314.517,00
			Subtotal	943.551,00
	Total costs			3.919.784,00
	TOPS			5.991,73
	€/TOPS			654,20

*The SUT contained 73 GB disks for both redo logs and data; however, subsequent calculation indicated that 146 GB disks would have been required to hold the redo generated during an 8 hour run. To comply with this benchmark requirement, for pricing purposes 146 GB disks were substituted for 73 GB disks for redo logs only as per Clause 4.3 of the run rules; this substitution is performance neutral.

Fujitsu Siemens and Oracle guarantee the accuracy of the supplied pricing data for a minimum of 60 days from December 3, 2004 and will provide revised pricing to SPEC during the 90 days following December 3, 2004, should the price increase by 2% or more.

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