

					TPC-C	5.11
	HP ProLiant BL685c G7				TPC-Pricing Report date Availability Date	1.6.0 May 23, 2011 May 23, 2011
invent						
Description	Part Number	Brand	Unit	Qty.	Extended	3 Yr Maint
Server Hardware (Tier B)	540070 504		0.054		0.054	
HP BL685c G7 CTO Blade (support included under client hardware)	518878-B21	1	6,251	1	6,251	
HP BL685c G7 O6174 12C 2P Kit	518871-B21		2,679	1	2,679	
HP BL685c G7 06174 12C 2P FIO Kit	518871-L21		2,679	1 32	2,679	
HP 16GB (1x16GB) Quad Rank x4 PC3-8500 (DDR3-1066) Registered CAS-7 Memory Kit	593915-B21	1	899		28,768	
HP 72GB SAS 15K SFF DP ENT HDD	512545-B21	1	279 849		558 2.547	
QLogic QMH2562 8Gb FC HBA for HP BladeSystem c-Class HP LE1851w 18.5-Inch wide Monitor	451871-B21 NK033AA#ABA		159	1	2,547	
HP PS/2 Keyboard And Mouse Bundle	RC464AA#ABA		39	1	39	
IF F3/2 Reyboard And Mouse Buildle	RC404AA#ADA	- 1	35		33	
			Subtotal		\$43,680	\$
Server Software						
Vicrosoft SQL Server 2005 Enterprise X64 Edition	810-03134	2	23,432	4	93,728	Incl Belov
Windows Server 2008 R2 Enterprise Edition	P72-04217	2	2,280	1	2,280	Incl Belov
Nicrosoft Problem Resolution Services	N/A	2	259	1		25
			Subtotal		\$96,008	259
Storage		2	E0.055		004.000	
/-3200 Chassis with PCIe 20 Gbit/s Interface 2.6TB Flash (21 x VIMM-128GSLC)	V-3202		50,250	4	201,000	
/-3200 Chassis with PCIe 20 Gbit/s Interface 2.6TB Flash (42 x VIMM-64GSLC)	V-3202A		50,250	2	100,500	
/iolin Memory Gateway: 4 Port 4/8 Gbit/s Fiber Channel Interfaces	VMG-8GFCx4		8,040	2	16,080	F0 00
/iolin Premium Maintenance - 1 year 4h 24 x7 support	VS-PM1Y		18,960	3	10.050	56,88
HP StorageWorks P2000 G3 FC MSA Dual Controller SFF Modular Smart Array	AP846A		10,350	1	10,350	2.00
HP 3 years 4 hours 24x7 MSA 2000 G3 HW Support	UV394E		3,265	1	0.000	3,26
IP 500GB 6G SAS 7.2K SFF (2.5-inch) Dual Port Midline Hard Dr (Log)	507610-B21		349	20	6,980	
IP StorageWorks P2000 G3 FC MSA Dual Controller SFF Modular Smart Array	AP846A		10,350	2	20,700	0.55
IP 3 years 4 hours 24x7 MSA 2000 G3 HW Support IP 500GB 6G SAS 7.2K SFF (2.5-inch) Dual Port Midline Hard Dr	UV394E 507610-B21		3,265 349	2 45	15,705	6,53
						CC C7
Client Hardware (Tier A)			Subtotal		371,315	66,67
HP BLc7000 Blade Enclosure 3 Inch LCD display	507019-B21	1	4,837	1	4,837	
Single Phase Power option for Blade Enclosure	413379-B21		175	1	175	
HP BLc 6x Active Cool 200 FIO Fan Option	517520-B21	1	894	1	894	
HP 2400W High Efficiency Power Supply	499243-B21		349	6	2,094	
HP BLc 1Gb Enet Pass Thru Mod Opt Kit	406740-B21	1	999	1	999	
HP GbE2c Layer 2/3 Ethernet Blade Switch	438030-B21	1	1,799	1	1,799	
IP Proliant BL460C G6 E5520 2.26Ghz Quad Core Blade Server	507782-B21	1	2,489	8	19,912	
HP E5520 BL460c G6 FIO Kit	507799-B21	1	599	8	4,792	
HP 4GB 2Rx4 PC3-10600R-9 Memory Kit	500658-B21	1	189	16	3,024	
HP 146GB 15k 2.5 dual Port HP SAS Drive	512547-B21	1	369	16	5,904	
HP 1year 4h 24x7 B Series Blades HW Support 16 Blades	UB329E	1	612	3		1,83
			Subtotal		44,430	1,83
Client Software						
Vicrosoft Windows Server 2008 Standard (x64) R2	P73-04980	2	711	8	5,688	
					5.000	
nfrastructure			Subtotal	-	5,688	
HP 10642 G2 Pallet Universal Rack	AF001A	1	1,249	2	2,498	
HP Brocade 8/12c SAN Switch for BladeSystem c-Class	AJ820A		6,374		38,244	
HP 8Gb Shortwave B-series Fibre Channel 1 Pack SFP+ Transceiver	AJ716A		199		2,388	
2 m LC-LC Multi-Mode Fibre Channel Cable	221692-B21		75	12	900	
2 m LC-LC Multi-Mode Fibre Channel Cable (spares)	221692-B21		75	3	225	
2.1m/7ft CAT5 RJ45 M/M Ethernet Cable	C7535A	1	2	2	3	
2.1m/7ft CAT5 RJ45 M/M Ethernet Cable (spares)	C7535A	1	2	2	3	
			Subtotal		44,261	
						*aa ==
arge Purchase and Net 30 discount (See Note 1)	16.0%	Total Extended Price Total Discounts Grand Total			\$605,382 \$29,776	\$68,77 \$1,86
					\$575,606	\$66,90
Pricing: 1=HP Direct 800-203-6748 2= Microsoft. 3=Violin Memory Systems Note 1: Discount based on	HP Direct midence	These		-		
pplies to all lines where pricing = 1. Note 2: All the hardware are available to order. Note 3: The benchmark re		indited for		st of O	wnership: USD	\$642,51
orna Livingtree of Performance Metrics.	como more aborreo by	TPM-0	C			1,263,59
		\$ USD/TPM-C				\$0.5

Numerical Quantities Summary for HP ProLiant BL685c G7

MQTH, Computed	1,263,599 tpmC							
Response Times (in	seconds)							
	9	90th %-ile		Maximum		Average		
New-Order		0.26s		5.32s		0.15s		
Payment		0.25s		5.39s		0.14s		
Order-Status		0.26s		5.01s		0.15s		
Delivery (interactive port	tion)	0.18s		2.12s		0.13s		
Delivery (deferred portio	n)	0.07s		2.43s		0.03s		
Stock-Level		0.33s		2.16s		0.20s		
Menu		0.18s		2.91s		0.13s		
Response time delay adde	ed for emulate	ed component	ts 0.1 second	ds				
Fransaction Mix, in	percent of	f total tran	sactions					
New-Order	•					44.97%		
Payment						43.01%		
Delivery						4.01%		
Stock-Level						4.01%		
Order-Status						4.01%		
Keying/Think Time	\$S							
	K	Keying Time Think T			hink Time			
	Min	Avg	Max	Min	Avg	Max		
New-Order	18.00s	18.02s	18.41s	0.00s	12.06s	120.53s		
Payment	3.00s	3.02s	3.41s	0.00s	12.06s	120.53s		
Order-Status	2.00s	2.02s	2.4s	0.00s	10.05s	100.52s		
Delivery (interactive)	2.00s	2.02s	2.4s	0.00s	5.07s	50.52s		
Stock-Level	2.00s	2.02s	2.41s	0.00s	5.07s	50.52s		
Test Duration								
Ramp up time						57 mi	inutes	
Measurement interval						120 mi		
Transactions during meas	surement inter	rval				350711596		
Ramp down time	, ur enneme meer	, vui				46 mi	nutes	
Checkpointing								
Number of checkpoints in measurement interval						4		
Checkpoint Interval						29.17 mi	inutes	