Package P#0																															
NUMANode P	NUMANode P#0 (63GB)														NUM	NUMANode P#1 (63GB)															
L3 (16MB) L3 (16MB)								L3 (16MB)				L3 (16MB)			L3 (16	L3 (16MB)				L3 (16MB)				L3 (16MB)				L3 (16MB)	3 (16MB)		
L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	512KB) L2 (52	2KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)
L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB) L1d	(32KB) L1d (3	32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)
L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	(32KB) L1i (3	2KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)
Core P#0	Core P#1	Core P#2	Core P#3	Core P#4	Core P#5	Core P#6	Core P#7	Core P#8	Core P#9	Core P#10	Core P#11	Core P#12	Core P#13	Core P#14 Core	P#15 Core I	P#16	Core P#17	Core P#18	Core P#19	Core P#20	Core P#21	Core P#22	Core P#23	Core P#24	Core P#25	Core P#26	Core P#27	Core P#28	Core P#29	Core P#30	Core P#31
PU P#0	PU P#1	PU P#2	PU P#3	PU P#4	PU P#5	PU P#6	PU P#7	PU P#8	PU P#9	PU P#10	PU P#11	PU P#12	PU P#13	PU P#14 PU	J P#15 PU	P#16	PU P#17	PU P#18	PU P#19	PU P#20	PU P#21	PU P#22	PU P#23	PU P#24	PU P#25	PU P#26	PU P#27	PU P#28	PU P#29	PU P#30	PU P#31
NUMANode P	NUMANode P#2 (63GB)														NUM	NUMANode P#3 (63GB)															
L3 (16MB)				L3 (16MB)				L3 (16MB)				L3 (16MB)			L3 (10	L3 (16MB)				L3 (16MB)				L3 (16MB)	L3 (16MB)						
L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB) L2 (512KB) L2 (51	2KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)
L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB) L1d	(32KB) L1d (3	32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)
L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	(32KB) L1i (3	2KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)
Core P#32	Core P#33	Core P#34	Core P#35	Core P#36	Core P#37	Core P#38	Core P#39	Core P#40	Core P#41	Core P#42	Core P#43	Core P#44	Core P#45	Core P#46 Core	P#47 Core I	P#48	Core P#49	Core P#50	Core P#51	Core P#52	Core P#53	Core P#54	Core P#55	Core P#56	Core P#57	Core P#58	Core P#59	Core P#60	Core P#61	Core P#62	Core P#63
PU P#32	PU P#33	PU P#34	PU P#35	PU P#36	PU P#37	PU P#38	PU P#39	PU P#40	PU P#41	PU P#42	PU P#43	PU P#44	PU P#45	PU P#46	J P#47 PU	P#48	PU P#49	PU P#50	PU P#51	PU P#52	PU P#53	PU P#54	PU P#55	PU P#56	PU P#57	PU P#58	PU P#59	PU P#60	PU P#61	PU P#62	PU P#63
Package P#1																															
NUMANode P	‡4 (63GB)														NUM	ANode P#5 (630	3GB)														
L3 (16MB)				L3 (16MB)				L3 (16MB)				L3 (16MB)			L3 (10	L3 (16MB)				L3 (16MB)				L3 (16MB)	L3 (16MB)						
L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB) L2 (512KB) L2 (52	2KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)	L2 (512KB)
L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)															L 14 (22VD)				L1d (32KB)	L1d (32KB)
L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	T 11 (22775)							214 (32112)	L1d (32KB)	L1d (32KB)	L1d (32KB) L1d	(32KB) L1d (3	32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)	L1d (32KB)		
			L11 (32Kb)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)	L1i (32KB)								L1d (32KB)	L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)	L1i (32KB)		L1d (32KB) L1i (32KB)	L1d (32KB) L1i (32KB)		L1i (32KB)
Core P#0	Core P#1	Core P#2	Core P#3	Core P#4	L1i (32KB) Core P#5	L1i (32KB) Core P#6	L1i (32KB) Core P#7	L1i (32KB) Core P#8	L1i (32KB) Core P#9																					L1i (32KB)	
Core P#0 PU P#64	Core P#1 PU P#65	Core P#2 PU P#66	Core P#3 PU P#67	Core P#4 PU P#68	L1i (32KB) Core P#5 PU P#69	L1i (32KB) Core P#6 PU P#70	L1i (32KB) Core P#7 PU P#71	L1i (32KB) Core P#8 PU P#72	L1i (32KB) Core P#9 PU P#73																					L1i (32KB)	L1i (32KB)
Core P#0 PU P#64 NUMANode P	Core P#1 PU P#65 #6 (63GB)	Core P#2 PU P#66	Core P#3 PU P#67	Core P#4 PU P#68	L1i (32KB) Core P#5 PU P#69	L1i (32KB) Core P#6 PU P#70	L1i (32KB) Core P#7 PU P#71	L1i (32KB) Core P#8 PU P#72	L1i (32KB) Core P#9 PU P#73							2KB) P#16 P#80														L1i (32KB)	L1i (32KB)
PU P#64	Core P#1 PU P#65 #6 (63GB)	Core P#2 PU P#66	Core P#3 PU P#67	Core P#4 PU P#68 L3 (16MB)	Core P#5 PU P#69	L1i (32KB) Core P#6 PU P#70	L1i (32KB) Core P#7 PU P#71	L1i (32KB) Core P#8 PU P#72 L3 (16MB)	L1i (32KB) Core P#9 PU P#73							2KB) P#16 P#80	L1i (32KB) Core P#17 PU P#81 Node P#7 (61GB)			L1i (32KB) Core P#20 PU P#84				L1i (32KB) Core P#24 PU P#88						L1i (32KB)	L1i (32KB)
PU P#64 NUMANode P	Core P#1 PU P#65 #6 (63GB) L2 (512KB)	Core P#2 PU P#66 L2 (512KB)	Core P#3 PU P#67	Core P#4 PU P#68	L1i (32KB) Core P#5 PU P#69 L2 (512KB)	L1i (32KB) Core P#6 PU P#70 L2 (512KB)	L1i (32KB) Core P#7 PU P#71 L2 (512KB)	Core P#8 PU P#72	L1i (32KB) Core P#9 PU P#73 L2 (512KB)	L1i (32KB) Core P#10 PU P#74		L1i (32KB) Core P#12 PU P#76	L1i (32KB) Core P#13 PU P#77	L1i (32KB) Core P#14 PU P#78 PU		2KB) P#16 P#80 NUMAN	L1i (32KB) Core P#17 PU P#81 Node P#7 (61GB)	L1i (32KB) Core P#18 PU P#82	L1i (32KB) Core P#19 PU P#83	L1i (32KB) Core P#20 PU P#84	L1i (32KB) Core P#21 PU P#85 L3 (16MB)	L1i (32KB) Core P#22 PU P#86	L1i (32KB) Core P#23 PU P#87	L1i (32KB) Core P#24 PU P#88	L1i (32KB) Core P#25 PU P#89				L1i (32KB) Core P#29 PU P#93	L1i (32KB)	L1i (32KB)
PU P#64 NUMANode P L3 (16MB) L2 (512KB)	L2 (512KB)	Core P#2 PU P#66 L2 (512KB)	Core P#3 PU P#67	Core P#4 PU P#68 L3 (16MB) L2 (512KB)	Core P#5 PU P#69 L2 (512KB)	Core P#6 PU P#70 L2 (512KB)	Core P#7 PU P#71 L2 (512KB)	Core P#8 PU P#72 L3 (16MB) L2 (512KB)	Core P#9 PU P#73 L2 (512KB)	L1i (32KB) Core P#10 PU P#74 L2 (512KB)	Core P#11 PU P#75	L1i (32KB) Core P#12 PU P#76 L3 (16MB) L2 (512KB)	L1i (32KB) Core P#13 PU P#77 L2 (512KB)	L1i (32KB) Core P#14 PU P#78 PU	(32KB) L1i (3 P#15 PP#79 PU L2 (512KB)	2KB) P#16 P#80 NUMAN L3 (16MI) L2 (512K	L1i (32KB) Core P#17 PU P#81 Node P#7 (61GB) IB) L2 (5	L1i (32KB) Core P#18 PU P#82	L1i (32KB) Core P#19 PU P#83 512KB) L2	L1i (32KB) Core P#20 PU P#84 L (512KB) L	L1i (32KB) Core P#21 PU P#85 L3 (16MB) L2 (512KB)	L1i (32KB) Core P#22 PU P#86 L2 (512KB)	L1i (32KB) Core P#23 PU P#87	L1i (32KB) Core P#24 PU P#88 L2 (512KB)	L1i (32KB) Core P#25 PU P#89 L3 (16MB) L2 (512KB)	L1i (32KB) Core P#26 PU P#90 L2 (512KB)	L1i (32KB) Core P#27 PU P#91	L1i (32KB) Core P#28 PU P#92 L2 (512KB)	L1i (32KB) Core P#29 PU P#93 L3 (16MB) L2 (512KB)	L1i (32KB) Core P#30 PU P#94 L2 (512KB)	L1i (32KB) Core P#31 PU P#95
PU P#64 NUMANode P L3 (16MB) L2 (512KB)	L2 (512KB)	Core P#2 PU P#66 L2 (512KB)	Core P#3 PU P#67 L2 (512KB) L1d (32KB)	Core P#4 PU P#68 L3 (16MB) L2 (512KB)	Core P#5 PU P#69 L2 (512KB)	Core P#6 PU P#70 L2 (512KB)	Core P#7 PU P#71 L2 (512KB)	Core P#8 PU P#72 L3 (16MB) L2 (512KB)	Core P#9 PU P#73 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#10 PU P#74 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#11 PU P#75 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#12 PU P#76 L3 (16MB) L2 (512KB) L1d (32KB)	L1i (32KB) Core P#13 PU P#77 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#14 PU P#78 PU L2 (512KB) L1d (32KB)	(32KB) L1i (3 P#15 PP#79 PU L2 (512KB)	2KB) P#16 P#80 NUMAN L3 (16MI) L2 (512K	L1i (32KB) Core P#17 PU P#81 Node P#7 (61GB) (B) (KB) L2 (5 KB) L1d (2	L1i (32KB) Core P#18 PU P#82 12KB) L2 (32KB) L1d	L1i (32KB) Core P#19 PU P#83 512KB) L2 (32KB) L1c	L1i (32KB) Core P#20 PU P#84 L (512KB) L d (32KB) L	L1i (32KB) Core P#21 PU P#85 L3 (16MB) L2 (512KB) L1d (32KB)	L1i (32KB) Core P#22 PU P#86 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#23 PU P#87 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#24 PU P#88 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#25 PU P#89 L3 (16MB) L2 (512KB) L1d (32KB)	L1i (32KB) Core P#26 PU P#90 L2 (512KB)	L1i (32KB) Core P#27 PU P#91 L2 (512KB)	L1i (32KB) Core P#28 PU P#92 L2 (512KB)	L1i (32KB) Core P#29 PU P#93 L3 (16MB) L2 (512KB)	L1i (32KB) Core P#30 PU P#94 L2 (512KB)	L1i (32KB) Core P#31 PU P#95 L2 (512KB)
PU P#64 NUMANode P L3 (16MB) L2 (512KB) L1d (32KB)	L2 (512KB) L1d (32KB)	Core P#2 PU P#66 L2 (512KB) L1d (32KB)	Core P#3 PU P#67 L2 (512KB) L1d (32KB)	Core P#4 PU P#68 L3 (16MB) L2 (512KB) L1d (32KB)	Core P#5 PU P#69 L2 (512KB) L1d (32KB)	Core P#6 PU P#70 L2 (512KB) L1d (32KB)	Core P#7 PU P#71 L2 (512KB) L1d (32KB)	Core P#8 PU P#72 L3 (16MB) L2 (512KB) L1d (32KB)	Core P#9 PU P#73 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#10 PU P#74 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#11 PU P#75 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#12 PU P#76 L3 (16MB) L2 (512KB) L1d (32KB)	L1i (32KB) Core P#13 PU P#77 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#14 PU P#78 PU L2 (512KB) L1d (32KB)	(32KB) L1i (3 P#15 PP#79 PU L2 (512KB) L1d (32KB)	2KB) P#16 P#80 NUMAN L3 (16MI) L2 (512K) L1d (32K)	L1i (32KB) Core P#17 PU P#81 Node P#7 (61GB) (B) (KB) L2 (5 KB) L1d (2	L1i (32KB) Core P#18 PU P#82 12KB) L2 (32KB) L1d	L1i (32KB) Core P#19 PU P#83 512KB) L2 (32KB) L1c	L1i (32KB) Core P#20 PU P#84 L (512KB) L d (32KB) L	L1i (32KB) Core P#21 PU P#85 L3 (16MB) L2 (512KB) L1d (32KB)	L1i (32KB) Core P#22 PU P#86 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#23 PU P#87 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#24 PU P#88 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#25 PU P#89 L3 (16MB) L2 (512KB) L1d (32KB)	L1i (32KB) Core P#26 PU P#90 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#27 PU P#91 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#28 PU P#92 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#29 PU P#93 L3 (16MB) L2 (512KB) L1d (32KB)	L1i (32KB) Core P#30 PU P#94 L2 (512KB) L1d (32KB)	L1i (32KB) Core P#31 PU P#95 L2 (512KB) L1d (32KB)