

COM Thermal Selection Guide											
2009, Q2											
Model	Rev.	Part No.	CPU Type	Standard Thermal Solution		Optional Semi-Thermal Solution		Optional Cooler or Heatsink Solution			
				Type	Part no.	Type	Part no.	Type	Part no.		
SOM-4455	A1	SOM-4455FL-L0A1E	LX800 500MHz	Heatsink	1960004622						
		SOM-4455F-L0A1E									
	A2	SOM-4455FL-L0A2E		Heatspreader	1960007057	Semi-Heatsink	1960012091T00S	Heatsink	1960004622		
		SOM-4455FL-LSA2E									
		SOM-4455F-L0A2E									
SOM-4455F-LSA2E											
SOM-4472	A2	SOM-4472F(FL)-J0A2(E)	Eden 400MHz	Heatsink	1961447200						
		SOM-4472F(FL)-M0A2(E)	Eden 667MHz								
		SOM-4472F(FL)-S0A2(E)	LV C3 1GHz								
	A3	All Part no.	All Series	Heatspreader	1960005650						
SOM-4475	A1	SOM-4475F(FL)-J0A1(E)	ULV Celeron 400MHz	Heatsink	1960000013						
		SOM-4475F(FL)-M0A1(E)	ULV Celeron 650MHz	Cooler	1750000002						
		SOM-4475F(FL)-R0A1(E)	P III 933MHz								
	A2	All Part No.	All Series	Heatspreader	1960005651						
SOM-4477	A1	SOM-4477FL-J0A1E	Eden 400MHz	Heatspreader	1960006919	Semi-Heatsink	1960012091T00S				
		SOM-4477FL-M0A1E	Eden 600MHz								
		SOM-4477FL-S0A1E	Eden 1GHz								
		SOM-4477FL-S1A1E	ULV Eden 1GHz								
SOM-4486	A1	SOM-4486FL-M0A1	ULV Celeron M 600MHz	Heatsink	1960006255	Semi-Heatsink	1960012091T00S				
	A2	SOM-4486FL-M0A2E	ULV Celeron M 600MHz	Heatspreader	1960005652					Heatsink	1960006255
		SOM-4486FL-Q0A2E	ULV Celeron M 800MHz							Cooler	1750000430
	A3	SOM-4486FL-M0A3E	ULV Celeron M 600MHz	Heatspreader	1960005652					Heatsink	1960006255
		SOM-4486FL-S0A3E	ULV Celeron M 1GHz							Cooler	1750000430
SOM-4481	A1	SOM-4481FL-00A1	Socket 478	Cooler	1750001700						
		SOM-4481FL-M0A1	ULV Celeron M 600MHz	Heatsink	1960006255						
		SOM-4481FL-R0A1	ULV Celeron M 1GHz	Cooler	1750000430						
		SOM-4481FL-S0A1	LV P-M 1.1GHz								
	A2	SOM-4481FL-00A2E	Socket 478	Heatspreader	1960005653	Semi-Cooler	1750001980	Cooler	1750001700		
		SOM-4481FL-M0A2E	ULV Celeron M 600MHz		1960005652	Semi-Heatsink	1960012091T00S	Heatsink	1960006255		
		SOM-4481FL-R0A2E	ULV Celeron M 1GHz			Semi-Cooler	1750001980	Cooler	1750000430		
		SOM-4481FL-S0A2E	LV P-M 1.1GHz					Cooler	1750000430		
		SOM-4481FL-S4A2E	LV P-M 1.4GHz			Semi-Cooler	1750001980	Cooler	1750000430		
		SOM-4481FL-00A3E	Socket 478		Heatspreader	1960005653	Semi-Cooler	1750001980	Cooler	1750001700	
	SOM-4481FL-M0A3E	ULV Celeron M 600MHz	1960005652	Semi-Heatsink		1960012091T00S	Heatsink	1960006255			
	SOM-4481FL-R0A3E	ULV Celeron M 1GHz		Semi-Cooler		1750001980	Cooler	1750000430			
	SOM-4481FL-S0A3E	LV P-M 1.1GHz	Cooler				1750000430				
	SOM-4481FL-S4A3E	LV P-M 1.4GHz	Semi-Cooler	1750001980	Cooler	1750000430					
SOM-4780	A1	SOM-4780FL-00A1E	Socket 478	Heatspreader	1960012089T00B	Semi-Cooler	1750001980				
		SOM-4780FL-S0A1E	ULV Celeron M 423 1.06GHz		1960012090T00B	Semi-Heatsink	1960012091T00S				
		SOM-4780FL-S2A1E	Core Duo ULV U2500 1.2GHz			Semi-Cooler	1750001980				
		SOM-4780FL-S5A1E	Core 2 Duo LV L7400 1.5GHz			Semi-Cooler	1750001980				
		SOM-4780FL-S7A1E	Core Duo LV L2400 1.66GHz			Semi-Cooler	1750001980				
SOM-5761	A1	SOM-5761FG-S6A1E	ATOM N270 1.6GHz	Heatspreader	1960028640N00B	Semi-Heatsink	1960033569T00B				
SOM-5780	A1	SOM-5780FL-00A1E	Socket 478	Heatspreader	1960005316	Semi-Cooler	1960019182T00B	Cooler	1750000373		
		SOM-5780FL-0AA1E			1960005315	Semi-Heatsink	1960023996N00B	Cooler	1750000372		
		SOM-5780FL-S8A1E									
		SOM-5780FL-U0A1E									
		SOM-5780FL-S0A1E									
		SOM-5780FG-S0A1E									
SOM-5780FL-S4A1E	LV P-M 1.4GHz	Semi-Cooler	1960019182T00B								
SOM-5781	A1	SOM-5781FS-00A1E	Socket S1g1	Heatspreader	1960023313T00B	Semi-Cooler	1960019182T00B				
		SOM-5781FL-00A1E									
		SOM-5781FS-S0A1E	Sempron 2100+								
SOM-5782	A1	SOM-5782FL-00A1E	Socket 478	Heatspreader	1960005316	Semi-Cooler	1960019182T00B	Cooler	1750000373		
		SOM-5782FG-00A1E			1960005315	Semi-Heatsink	1960023996N00B	Cooler	1750000372		
		SOM-5782FL-U0A1E									
		SOM-5782FL-S0A1E									
		SOM-5782FG-S0A1E									
		SOM-5782FL-S7A1E	LV Core Duo 1.66GHz							Semi-Cooler	1960019182T00B
SOM-5782FG-S7A1E											
SOM-5786	A1	SOM-5786FG-00A1E	Socket 478	Heatspreader	1960005316	Semi-Cooler	1960019182T00B	Cooler	1750000373		
		SOM-5786FG-S0A1E	ULV Celeron M 423 1.06GHz		1960005315	Semi-Cooler	1960019182T00B	Cooler	1750000372		
		SOM-5786FG-S6A1E	LV Core Duo 1.66GHz			Semi-Cooler	1960019182T00B				
SOM-6760	A1	SOM-6760FL-S1A1E	ATOM Z510 1.1 GHz	Heatspreader	1960027223N00B	Semi-Heatsink	1960033569T00B				
		SOM-6760FL-S6A1E	ATOM Z530 1.6 GHz		1960027223N00B	Semi-Heatsink	1960033569T00B				
SOM-6761	A1	SOM-6761FG-S6A1E	ATOM N270 1.6GHz	Heatspreader	1960028640N00B	Semi-Heatsink	1960033569T00B				
Heatspreader	A flat surface for heat conduction, it isn't completed thermal, extra heatsink or cooler is required to add on heatspreader for heat dispersing										
Heatsink	With fin for heat dispersion, it is a complete thermal solution, doesn't need to work with heatspreader										
Cooler	Heatsink with fan for heat dispersion, it is a complete thermal solution, doesn't need to work with heatspreaer										
Semi-Heatsink	A Heatsink assemble with " heatspreader " to be a completed thermal solution, need to work with hestspreader										
Semi-Cooler	A Cooler assemble with " heatspreader " to be a completed thermal solution, need to work with heatspreader										
	The Semi-Heatsink/Semi-Cooler is preferred thermal solution. Heatsink or Cooler might have MOQ.										
For detail info of Thermal solution, please go to:											
http://com.advantech.com											