

Diamondville and Pineview

Nettop

Brand	Atom			
Processor #	2xx	3xx		
Codename	Diamondville SC	Diamondville DC	Pineview SC	Pineview DC
Micro-architecture	Silverthorne		Lincroft	
# of Core	Single Core	Dual Core	Single Core	Dual Core
# of Thread	2	4	2	4
Hyper-Threading	2 threads/core		2 threads/core	
Dual-Processor				
Intel 64	Intel 64		Intel 64	
VT	N/A			
EIST(SpeedStep)	N/A			
Cache	512KB	1MB		
FSB	FSB533		DMI	
Memory interface	N/A		DDR2 x1	DDR2 x1
GPU core	N/A		GPU core	GPU core
Package	FCBGA8 (437pin)			
Process Technology	45nm		45nm	
# of Die	1	?	1?	
TDP	4W	8W		
Launch	Q2'08		2H'09	

Netbook

Brand	Atom	
Processor #	N2xx	
Voltage	Standard V	Standard V
Codename	Diamondville SC	Pineview SC
Platform		
Micro-architecture	Silverthorne	Lincroft
# of Core	Single Core	Single Core
Hyper-Threading	2 threads/core	2 threads/core
Intel 64	Intel 64	Intel 64
VT	N/A	
EIST(SpeedStep)	N/A	
IDA	N/A	
Cache	512KB L2	
FSB	FSB533	DMI
Memory interface	N/A	DDR2 x1
GPU core	N/A	GPU core
Package	BGA	BGA
Process Technology	45nm	45nm
# of Die	1	1?
TDP	4W	
Launch	Q2'08	2H'09