

Intel Atom SoCs except those with PCIe for embedded mkt ([Tunnel Creek](#) and [Stellarton](#))

Processor Number	Launch Date	Cache	Clock Speed	Cores / Threads	Max TDP	Memory Types	Graphics
Cedar Trail SoC 32nm: Intel® Atom™ Processor D2700 (1M Cache, 2.13 GHz)	Q3'11	1.0 MB	2.13 GHz	2 / 4	10	DDR3-800/1066	Integrated (DMA3650)
Cedar Trail SoC 32nm: Intel® Atom™ Processor D2500 (1M Cache, 1.86 GHz)	Q3'11	1.0 MB	1.86 GHz	2 / 2	10	DDR3-800/1066	Integrated (DMA3600)
Oak Trail SoC 45 nm: Intel® Atom™ Processor Z670 (512K Cache, 1.50 GHz)	Q2'11	512 KB	1.50 GHz	1 / 2	3	DDR2-800	Integrated (DMA600)
Oak Trail SoC 45 nm: Intel® Atom™ Processor Z650 (512K Cache, 1.20 GHz)	Q2'11	512 KB	1.20 GHz	1 / 2	3	DDR2-800	Integrated (DMA600)
Lincroft SoC 45nm: Intel® Atom™ Processor Z600 (512K Cache, 1.20 GHz)	Q2'10	512 KB	1.20 GHz	1 / 2	1.3	LPDDR1-400	Integrated (DMA600)
Lincroft SoC 45nm: Intel® Atom™ Processor Z615 (512K Cache, 1.60 GHz)	Q2'10	512 KB	1.60 GHz	1 / 2	2.2	DDR2-800	Integrated (DMA600)
Lincroft SoC 45nm: Intel® Atom™ Processor Z625 (512K Cache, 1.90 GHz)	Q2'10	512 KB	1.90 GHz	1 / 2	2.2	DDR2-800	Integrated (DMA600)
SoC w/ own GPU 45nm: Intel® Atom™ Processor N570 (1M Cache, 1.66 GHz)	Q1'11	1.0 MB	1.66 GHz	2 / 4	8.5	DDR3	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ processor D525 (1M Cache, 1.80 GHz)	Q2'10	1.0 MB	1.80 GHz	2 / 4	13	DDR3-800*; DDR2-800/667	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ processor D425 (512K Cache, 1.80 GHz)	Q2'10	512 KB	1.80 GHz	1 / 2	10	DDR3-800*; DDR2-800/667	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ processor N475 (512K Cache, 1.83 GHz)	Q2'10	512 KB	1.83 GHz	1 / 2	6.5	DDR2/3	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ processor N455 (512K Cache, 1.66 GHz)	Q2'10	512 KB	1.66 GHz	1 / 2	6.5	DDR2/3	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ Processor D510 (1M Cache, 1.66 GHz)	Q1'10	1.0 MB	1.66 GHz	2 / 4	13	DDR2-800/667	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ Processor D410 (512K Cache, 1.66 GHz)	Q1'10	1.0 MB	1.66 GHz	1 / 2	10	DDR2-800/667	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ Processor N470 (512K Cache, 1.83 GHz)	Q1'10	512 KB	1.83 GHz	1 / 2	6.5	DDR2-667	Integrated (GMA3150)
SoC w/ own GPU 45nm: Intel® Atom™ Processor N450 (512K Cache, 1.66 GHz)	Q1'10	512 KB	1.66 GHz	1 / 2	5.5	DDR2-667	Integrated (GMA3150)

Date: Dec 15, 2011

*SODIMM only