

AMD Server CPUs (Estimated)

Barcelona	Shanghai	Istanbul	Sao Paulo	Magny Cours
4 cores	4 cores	6 cores	6 cores	12 cores
K10(Barcelona)	K10(Barcelona)	K10(Barcelona)	K10(Barcelona)	K10(Barcelona)
512KB L2/core	512KB L2/core	512KB? L2/core	512KB? L2/core	512KB? L2/core
2MB L3	6MB L3	6MB L3	6MB? L3	2x 6MB? L3
65nm	45nm	45nm	45nm	45nm
Socket F (1207pins)	Socket F (1207pins)	Socket F (1207pins)	Socket G34	Socket G34
2x DDR2	2x DDR2	2x DDR2	2x? DDR3	2x? DDR3
3x HT1	3x HT3	3x HT3	4x HT3	4x HT3
1H 2008	2H 2008	2H 2009	1H 2010	1H 2010

Previous Plan

Montreal (4-core)	Montreal (8-core)	Sandtiger (8-core)	Sandtiger (16-core)
4 cores	8 cores	8 cores	16 cores
K10(Barcelona)	K10(Barcelona)	Bulldozer	Bulldozer
1MB L2/core	1MB L2/core	512KB L2/core	512KB L2/core
6MB L3	2x 6MB L3	8MB L3	2x 8MB L3
45nm	45nm	45nm	45nm
Socket G3 (1305 pins)	Socket G3 (1305 pins)	Socket G3 (1305 pins)	Socket G3 (1305 pins)
2x DDR3/4x G3MX I/F	2x DDR3/4x G3MX I/F	2x DDR3/4x G3MX I/F	2x DDR3/4x G3MX I/F
4x HT3	4x HT3	4x HT3	4x HT3
Q2 2009	2H 2009	1H 2010	2H 2010