

CPU Model	Clock Speed	Core count	Unlockable to:	Unlocked model no. in CPU-Z	Rev.	Code name	codename	Node	L2 cache	L3 cache?	Stock TDP	TDP post unlock	CPU part number	Sold as:	Notes
AMD Sempron 140	2.7GHz	Single core	Dual core	Athlon II x2 440	C2	Sargas	Regor	45nm	1MB	No	45W	65W	SDX140BK13GQ	OEM, Retail	
AMD Sempron 145	2.8GHz	Single core	Dual core	Athlon II x2 445	C3	Sargas	Regor	45nm	1MB	No	45W	65W	SDX145BK13GM	OEM, Retail	
AMD Sempron 190	2.8GHz	Single core	Dual core	Athlon II x2 450	C3	Sargas	Regor	45nm	1MB	No	45W	65W	SDX190BK13GM	OEM only	
AMD Athlon II 190U	1.8GHz	Single core	Dual core	Athlon II x2 ???	C2/C3	Sargas	Regor	45nm	1MB	No	20W	45W	AD160EAK13GQ	M, OEM, Retail	
AMD Athlon II 170U	2.0GHz	Single core	Dual core	Athlon II x2 ???	3	Sargas	Regor	45nm	1MB	No	20W	45W	AD170UEAK13GM	OEM, Retail	
AMD Sempron x2 190	2.4GHz	Dual core	Unknown	Unknown	C3	Regor ?	Regor ?	45nm	2x512KB	No	45W	-	SDX180HK22GM	OEM only	Unsure what this unlocks to right now
AMD Sempron x2 190	2.4GHz	Dual core	Unknown	Unknown	C3	Regor ?	Regor ?	45nm	2x512KB	No	45W	-	SDX180HK22GM	OEM only	Unsure what this unlocks to right now
AMD Athlon x2 5000+	2.2GHz	Dual core	Triple or quad core	Phenom II x4 FX-5000	C2	Regor	Propus or Deneb	45nm	2x512KB	Some unlock to 6MB	45W	65-90W	AD5000DQJ2GM	OEM	Some unlock/are Propus or Deneb, but some never unlock
AMD Athlon x2 5200+	2.3GHz	Dual core	Triple or quad core	Phenom II x4 FX-5200	C3	Regor	Propus or Deneb	45nm	2x512KB	Some unlock to 6MB	45W	65-90W	AD5200DQJ2GM	OEM	Non-standard branding, all 5000+ are quad core die
AMD Athlon x2 6000	2.3GHz	Dual core	Triple or quad core	Phenom x4	B3	Kuma	Agena	45nm	2x512KB	2MB, Yes	95W	125-140W	AD6000WJ2BGM	OEM, Retail	Usually low unlocking chance
AMD Athlon x2 7400	2.4GHz	Dual core	Triple or quad core	Phenom x4	B3	Kuma	Agena	45nm	2x512KB	2MB, Yes	95W	125-140W	AD7400WJ2BGM	OEM, Retail	Very low unlocking chance
AMD Athlon x2 7500	2.5GHz	Dual core	Triple or quad core	Phenom x4	B3	Kuma	Agena	45nm	2x512KB	2MB, Yes	95W	125-140W	AD7500WJ2BGM	OEM, Retail	Very low unlocking chance
AMD Athlon x2 7700 BE	2.7GHz	Dual core	Triple or quad core	Phenom x4	B3	Kuma	Agena	45nm	2x512KB	2MB, Yes	95W	125-140W	AD7700WJ2BGM	OEM, Retail	Very low unlocking chance
AMD Athlon x2 7800 BE	2.8GHz	Dual core	Triple or quad core	Phenom x4	B3	Kuma	Agena	45nm	2x512KB	2MB, Yes	95W	125-140W	AD7800WJ2BGM	OEM, Retail	Very low unlocking chance
AMD Athlon II x2 210E	2.6GHz-3.0 GHz	Dual core	Not unlockable	-	C2/C3	Regor	-	45nm	2x1MB	No	45W	-	AD210EHRK22GQ	M, OEM, Retail	
AMD Athlon II x2 210E	2.6GHz	Dual core	Triple or quad core	Phenom II x4	C2	Regor	Propus or Deneb	45nm	2x512KB	Some unlock to 6MB	45W	65-90W	AD210EHRK22GQ	OEM, Retail	
AMD Athlon II x2 210E	2.7GHz	Dual core	Triple or quad core	Phenom II x4 915	3	Regor	Propus or Deneb	45nm	2x512KB	Some unlock to 6MB	68W	95W	AD210EHRK22GQ	M	?
AMD Athlon II x2 220	2.7GHz	Dual core	Triple or quad core	Phenom II x4 920	3	Regor	Propus or Deneb	45nm	2x512KB	Some unlock to 6MB	68W	95W	-	-	?
AMD Athlon II x2 22x	2.7GHz-3.0 GHz	Dual core	Not unlockable	-	C2/C3	Regor	-	45nm	2x1MB	No	45W	-	AD22xHRK22GQ	M, OEM, Retail	Other than x2 210E
AMD Athlon II x2 22x	2.8GHz-3.3 GHz	Dual core	Not unlockable	-	C2/C3	Regor	-	45nm	2x1MB	No	45W	-	AD22xHRK22GQ	M, OEM, Retail	
AMD Athlon II x3 4000	2.2GHz	Triple core	Quad core	Athlon II x4	C2	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	49W	65-90W	AD4000HRK32GM	OEM, Retail	
AMD Athlon II x3 4050	2.3GHz	Triple core	Quad core	Athlon II x4	C2	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	49W	65-90W	AD4050HRK32GM	OEM, Retail	
AMD Athlon II x3 415e	2.5GHz	Triple core	Quad core	Athlon II x4	C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	49W	65-90W	AD415eHRK32GM	OEM, Retail	
AMD Athlon II x3 4200	2.6GHz	Triple core	Quad core	Athlon II x4	C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	49W	65-90W	AD4200HRK32GM	OEM, Retail	
AMD Athlon II x3 425e	2.7GHz	Triple core	Quad core	Athlon II x4	C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	49W	65-90W	AD425eHRK32GM	OEM, Retail	
AMD Athlon II x3 425e	2.7GHz	Triple core	Quad core	Athlon II x4 B25	C2/C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	95W	95-125W	AD425eHRK32GM	OEM, Retail	
AMD Athlon II x3 435	2.9GHz	Triple core	Quad core	Athlon II x4 B35	3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	95W	95-125W	AD435HRK32GM	M, OEM, Retail	
AMD Athlon II x3 440	3.0GHz	Triple core	Quad core	Athlon II x4 B40	3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	95W	95-125W	AD440HRK32GM	M, OEM, Retail	
AMD Athlon II x3 445	3.1GHz	Triple core	Quad core	Athlon II x4 B45	C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	95W	95-125W	AD445HRK32GM	OEM, Retail	
AMD Athlon II x3 450	3.2GHz	Triple core	Quad core	Athlon II x4 B50	C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	95W	95-125W	AD450HRK32GM	OEM, Retail	
AMD Athlon II x3 455	3.3GHz	Triple core	Quad core	Athlon II x4 B55	C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	95W	95-125W	AD455HRK32GM	OEM, Retail	
AMD Athlon II x3 460	3.4GHz	Triple core	Quad core	Athlon II x4 B60	C3	Rana	Propus or Deneb	45nm	3x512KB	Some unlock to 6MB	95W	95-125W	AD460HRK32GM	OEM, Retail	
AMD Phenom II x2 611	3.4GHz	Dual core	Not unlockable	-	C3	Regor	-	45nm	2x1MB	No	65W	-	HD5511CKJ3GM	OEM	
AMD Phenom II x2 545	3.0GHz	Dual core	Triple core, quad core	Phenom II x4 B45	C2/C3	Callisto	Deneb	45nm	2x512KB	6MB, Yes	80W	125W	HDX545WFGBGX	OEM, Retail	
AMD Phenom II x2 550 BE	3.1GHz	Dual core	Triple core, quad core	Phenom II x4 B50	3	Callisto	Deneb	45nm	2x512KB	6MB, Yes	80W	125W	HDX550WFGBGX	OEM, Retail	
AMD Phenom II x2 555 BE	3.2GHz	Dual core	Triple core, quad core	Phenom II x4 B55	3	Callisto	Deneb	45nm	2x512KB	6MB, Yes	80W	125W	HDZ555WFGBGX	OEM, Retail	
AMD Phenom II x2 560 BE	3.3GHz	Dual core	Triple core, quad core	Phenom II x4 B60	C3	Callisto	Deneb	45nm	2x512KB	6MB, Yes	80W	125W	HDZ560WFGBGX	OEM, Retail	
AMD Phenom II x2 565 BE	3.4GHz	Dual core	Triple core, quad core	Phenom II x4 B65	C3	Callisto	Deneb	45nm	2x512KB	6MB, Yes	80W	125W	HDZ565WFGBGX	OEM, Retail	
AMD Phenom II x2 570 BE	3.5GHz	Dual core	Triple core, quad core	Phenom II x4 B70	C3	Callisto	Deneb	45nm	2x512KB	6MB, Yes	80W	125W	HDZ570WFGBGX	OEM, Retail	
AMD Phenom II x3 7000	2.4GHz	Triple core	Quad core	Phenom II x4	C2	Heka	Deneb	45nm	3x512KB	6MB, Yes	65W	95-125W	HD7000CKJ3GM	OEM, Retail	
AMD Phenom II x3 7050	2.5GHz	Triple core	Quad core	Phenom II x4	C2	Heka	Deneb	45nm	3x512KB	6MB, Yes	65W	95-125W	HD7050CKJ3GM	OEM, Retail	
AMD Phenom II x3 710	2.6GHz	Triple core	Quad core	Phenom II x4 10	C2	Heka	Deneb	45nm	3x512KB	6MB, Yes	95W	125W	HDX710WPKJ3GM	OEM, Retail	
AMD Phenom II x3 720	2.8GHz	Triple core	Quad core	Phenom II x4 20	C2	Heka	Deneb	45nm	3x512KB	6MB, Yes	95W	125W	HDX720WPKJ3GM	OEM, Retail	
AMD Phenom II x3 720 BE	2.8GHz	Triple core	Quad core	Phenom II x4 20	C2	Heka	Deneb	45nm	3x512KB	6MB, Yes	95W	125W	HDZ720WPKJ3GM	OEM, Retail	
AMD Phenom II x3 740 BE	3.0GHz	Triple core	Quad core	Phenom II x4 40	C2	Heka	Deneb	45nm	3x512KB	6MB, Yes	95W	125W	HDZ740WPKJ3GM	OEM, Retail	
AMD Phenom x3	2.2GHz-2.6 GHz	Triple core	Quad core	Phenom x4	-	Tolman	Agena	60nm	3x512KB	2MB, Yes	65W	140W	-	-	OEM, Retail
AMD Phenom x4 920	2.6GHz	Quad core	Not unlockable	-	C2/C3	Agena	-	60nm	4x512KB	2MB, Yes	65W	-	-	-	OEM, Retail
AMD Athlon II x4 600	2.6GHz	Quad core	No unlockable cores	Phenom II x4	C2/C3	Propus	Propus or Deneb	45nm	4x512KB	Some unlock to 6MB	95W	-	-	-	
AMD Athlon II x4 630	2.8GHz	Quad core	No unlockable cores	Phenom II x4	3	Propus	Propus or Deneb	45nm	4x512KB	Some unlock to 6MB	95W	-	-	-	
AMD Athlon II x4 640	3.0GHz	Quad core	No unlockable cores	Phenom II x4	C3	Propus	Deneb	45nm	4x512KB	Some unlock to 6MB	95W	-	ADX460WFK42GM	OEM only	
AMD Phenom II x4 840	3.2GHz	Quad core	No unlockable cores	Phenom II x4	C3	Propus	Deneb	45nm	4x512KB	Some unlock to 6MB	95W	-	ADX480WFK42GM	OEM, Retail	
AMD Phenom II x4 820	2.8GHz	Quad core	No unlockable cores	-	C2	Deneb	Deneb	45nm	4x512KB	6MB, unlocks to 6MB	95W	-	HDX820WFK42GM	OEM, Retail	
AMD Phenom II x4 945 (BE)	4.6GHz-3.1 GHz	Quad core	Not unlockable	-	C3	Deneb	-	45nm	4x512KB	6MB, Yes	140W	-	HDX945WFK42GM	OEM, Retail	
AMD Athlon II x4 940	3.0GHz	Quad core	Penria or Hecla core	Phenom II x6 1005T	E0	Zosma	Thuban	45nm	4x512KB	Some unlock to 6MB	95W	125W	ADX940WFK42GR	OEM only	Only x4 940 with part number ADX940WFK42GR
AMD Phenom II x4 940T	2.7GHz	Quad core	Penria or Hecla core	Phenom II x6 1005T	E0	Zosma	Thuban	45nm	4x512KB	6MB, unlocks to 6MB	95W	125W	HD8017WFK42GR	OEM only	
AMD Phenom II x4 940T BE	2.9GHz	Quad core	Penria or Hecla core	Phenom II x6 1005T	E0	Zosma	Thuban	45nm	4x512KB	6MB, Yes	95W	125W	HD8401WFK42GR	OEM only	
AMD Phenom II x4 960T BE	3.0GHz	Quad core	Penria or Hecla core	Phenom II x6 1005T	E0	Zosma	Thuban	45nm	4x512KB	6MB, Yes	95W	125W	HD8217WFK42GR	OEM only	
Phenom II x4 970	3.6GHz	Quad core	Penria or Hecla core	Phenom II x6 1100ST	E0	Zosma	Thuban	45nm	4x512KB	6MB, Yes	125W	140W	HDZ970WFK42GR	OEM only	
AMD Phenom II x6 1050T (BE)	2.6GHz-3.3 GHz	Hexa core	Not unlockable	-	E0	Thuban	-	45nm	6x512KB	6MB, Yes	125W	-	HD7515WFK42GR	OEM, Retail	May do this on certain motherboards. It is a BIOS bug. First confirmed on MA780GM-US2H, F10A BIOS, 1050T 95W.
AMD Phenom II x6 1055T	2.8GHz	Hexa core	Black Edition processor	Phenom II x6 1055T	O0	Thuban	Thuban	45nm	6x512KB	6MB, Yes	95W	-	-	OEM, Retail	
AMD FX-Series 4100	Unknown	Quad core	Not unlockable	-	C0	Zambezi	-	32nm	2x2MB	6MB, Yes	95W	-	-	OEM, Retail	Not confirmed
AMD FX-Series 6100	Unknown	Hexa core	Not unlockable	-	C0	Zambezi	-	32nm	3x2MB	6MB, Yes	95W	-	-	OEM, Retail	Not confirmed
AMD FX-Series 8100	Unknown	Octo core	Not unlockable	-	C0	Zambezi	-	32nm	4x2MB	6MB, Yes	95W	-	-	OEM, Retail	
AMD FX-Series 9100	Unknown	Octo core	Not unlockable	-	C0	Zambezi	-	32nm	4x2MB	6MB, Yes	125W	-	-	OEM, Retail	
AMD FX-Series 9150	Unknown	Octo core	Not unlockable	-	C0	Zambezi	-	32nm	4x2MB	6MB, Yes	125W	-	-	OEM, Retail	
Intel Pentium G855	2.8GHz	3C/3T	Intel Turbo Boost	-	-	Clarkdale	-	32nm	3MB	Unlocks to 4MB	73W	-	BX30816G9551	OEM, Retail	Requires 550 upgrade card to unlock cache & turbo