



# 870 Extreme3 R2.0



- Supports AM3+ Processor, 8-Core CPU Ready
- 100% All Solid Capacitor design
- Supports Dual Channel DDR3 2000(OC)
- Supports ATI™ Quad CrossFireX™ and CrossFireX™
- 2 x USB 3.1 Gen1, 5 x SATA3, 2 x IEEE 1394, C.C.R. (Com Retention Module)
- Supports ASRock XFast RAM, XFast LAN, XFast USB Tech
- Supports AXTU, Graphical UEFI, Instant Boot, Instant Flash Charger
- 7.1 CH HD Audio with Content Protection (Realtek ALC892. Codec)

This model may not be sold worldwide. Please contact your local dealer for availability of this model in your region.



Specification

Support

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Manual

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CPU Support List

Memory QVL

## CPU Support List

\* For cooling the CPU and its surrounding components, please install a CPU cooler with a top-down blowing design.

Socket	Family	Model	Power	Core	Frequency	FSB	L2 Cache	L3 Core	CPU Rev.	Valid
AM3*	FX	FD8350FRW8KHK	125W	Vishera	4000MHz	2200MHz	2MBx4	8MB	C0	
AM3*	FX	FD8320FRW8KHK	125W	Vishera	3500MHz	2200MHz	2MBx4	8MB	C0	
AM3*	FX	FD8150FRW8KGU(BE)	125W	Zambezi	3600MHz	2200MHz	2MBx4	8MB	B2	
AM3*	FX	FD8120FRW8KGU(BE)	125W	Zambezi	3100MHz	2200MHz	2MBx4	8MB	B2	
AM3+	FX	FD8120WMW8KGU(BE)	95W	Zambezi	3100MHz	2200MHz	2MBx4	8MB	B2	
AM3+	FX	FD8100WMW8KGU(BE)	95W	Zambezi	2800MHz	2000MHz	2MBx4	8MB	B2	
AM3+	FX	FD6330WMW6KHK	95W	Vishera	3600MHz	2000MHz	2MBx3	8MB	C0	
AM3+	FX	FD6300WMW6KHK	95W	Vishera	3500MHz	2000MHz	2MBx3	8MB	C0	
AM3+	FX	FD6100WMW6KGU(BE)	95W	Zambezi	3300MHz	2000MHz	2MBx3	8MB	B2	
AM3*	FX	FD4170FRW4KGU(BE)	125W	Zambezi	4200MHz	2200MHz	2MBx2	8MB	B2	
AM3+	FX	FD4100WMW4KGU(BE)	95W	Zambezi	3600MHz	2000MHz	2MBx2	8MB	B2	
AM3*	Phenom II X6	HDE00ZFBK6DGR(BE)	125W	Thuban	3300MHz	2000MHz	512KBx6	6MB	E0	
AM3*	Phenom II X6	HDT90ZFBK6DGR(BE)	125W	Thuban	3200MHz	2000MHz	512KBx6	6MB	E0	
AM3*	Phenom II X6	HDT75TFBK6DGR	125W	Thuban	3000MHz	2000MHz	512KBx6	6MB	E0	
AM3*	Phenom II X6	HDT65TFBK6DGR	95W	Thuban	2800MHz	2000MHz	512KBx6	6MB	E0	
AM3*	Phenom II X6	HDT55TFBK6DGR	125W	Thuban	2800MHz	2000MHz	512KBx6	6MB	E0	
AM3*	Phenom II X6	HDT35TFBK6DGR	95W	Thuban	2600MHz	2000MHz	512KBx6	6MB	E0	

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Socket	Family	Model	Power	Core	Frequency	FSB	L2 Cache	L3 Core	CPU Rev.	Valid
AM3*	Phenom II X4	HDZ980FBK4DGM(BE)	125W	Deneb	3700MHz	2000MHz	512KBx4	6MB	C3	
AM3*	Phenom II X4	HDZ975FBK4DGM(BE)	125W	Deneb	3600MHz	2000MHz	512KBx4	6MB	C3	
AM3*	Phenom II X4	HDZ970FBK4DGM(BE)	125W	Deneb	3500MHz	2000MHz	512KBx4	6MB	C3	
AM3	Phenom II X4	HDZ965FBK4DGI(BE)	140W	Deneb	3400MHz	2000MHz	512KBx4	6MB	C2	
AM3*	Phenom II X4	HDZ965FBK4DGM(BE)	125W	Deneb	3400MHz	2000MHz	512KBx4	6MB	C3	
AM3	Phenom II X4	HDX955WFK4DGM	95W	Deneb	3200MHz	2000MHz	512KBx4	6MB	C3	
AM3*	Phenom II X4	HDX955FBK4DGM	125W	Deneb	3200MHz	2000MHz	512KBx4	6MB	C3	
AM3*	Phenom II X4	HDZ955FBK4DGM(BE)	125W	Deneb	3200MHz	2000MHz	512KBx4	6MB	C3	
AM3*	Phenom II X4	HDZ955FBK4DGI(BE)	125W	Deneb	3200MHz	2000MHz	512KBx4	6MB	C2	
AM3*	Phenom II X4	HDX955FBK4DGI	125W	Deneb	3200MHz	2000MHz	512KBx4	6MB	C2	
AM3	Phenom II X4	HD96ZTWFK4DGR(BE)	95W	Zosma	3000MHz	2000MHz	512KBx4	6MB	E0	
AM3	Phenom II X4	HDX945WFK4DGM	95W	Deneb	3000MHz	2000MHz	512KBx4	6MB	C3	
AM3	Phenom II X4	HDX945WFK4DGI	95W	Deneb	3000MHz	2000MHz	512KBx4	6MB	C2	
AM3*	Phenom II X4	HDX945FBK4DGI	125W	Deneb	3000MHz	2000MHz	512KBx4	6MB	C2	
AM3	Phenom II X4	HDX925WFK4DGM	95W	Deneb	2800MHz	2000MHz	512KBx4	6MB	C3	
AM3	Phenom II X4	HDX925WFK4DGI	95W	Deneb	2800MHz	2000MHz	512KBx4	6MB	C2	
AM3	Phenom II X4	HD910EOCK4DGM	65W	Deneb	2600MHz	2000MHz	512KBx4	6MB	C3	
AM3	Phenom II X4	HDX910WFK4DGI	95W	Deneb	2600MHz	2000MHz	512KBx4	6MB	C2	
AM3	Phenom II X4	HD905EOCK4DGI	65W	Deneb	2500MHz	2000MHz	512KBx4	6MB	C2	
AM3	Phenom II X4	HD900EOCK4DGI	65W	Deneb	2400MHz	2000MHz	512KBx4	6MB	C2	
AM3	Phenom II X4	HDX850WFK42GM	95W	Deneb	3300MHz	2000MHz	512KBx4	NA	C3	
AM3	Phenom II X4	HDX840WFK42GM	95W	Propus	3200MHz	2000MHz	512KBx4	NA	C3	
AM3	Phenom II X4	HD840TWFK4DGR	95W	Zosma	2900MHz	2000MHz	512KBx4	6MB	E0	
AM3	Phenom II X4	HDX820WFK4FGI	95W	Deneb	2800MHz	2000MHz	512KBx4	4MB	C2	
AM3	Phenom II X4	HDX810WFK4FGI	95W	Deneb	2600MHz	2000MHz	512KBx4	4MB	C2	
AM3	Phenom II X4	HDX805WFK4FGI	95W	Deneb	2500MHz	2000MHz	512KBx4	4MB	C2	
AM3	Phenom II X3	HDZ740WFK3DGI(BE)	95W	Heka	3000MHz	2000MHz	512KBx3	6MB	C2	
AM3	Phenom II X3	HDZ720WFK3DGI(BE)	95W	Heka	2800MHz	2000MHz	512KBx3	6MB	C2	
AM3	Phenom II X3	HDX720WFK3DGI	95W	Heka	2800MHz	2000MHz	512KBx3	6MB	C2	
AM3	Phenom II X3	HDX710WFK3DGI	95W	Heka	2600MHz	2000MHz	512KBx3	6MB	C2	
AM3	Phenom II X3	HD705EOCK4DGI	65W	Heka	2500MHz	2000MHz	512KBx3	6MB	C2	
AM3	Phenom II X3	HD700EOCK3DGI	65W	Heka	2400MHz	2000MHz	512KBx3	6MB	C2	
AM3	Phenom II X2	HDZ565WFK2DGM(BE)	80W	Callisto	3400MHz	2000MHz	512KBx2	6MB	C3	
AM3	Phenom II X2	HDZ560WFK2DGM(BE)	80W	Callisto	3300MHz	2000MHz	512KBx2	6MB	C3	
AM3	Phenom II X2	HDZ555WFK2DGM(BE)	80W	Callisto	3200MHz	2000MHz	512KBx2	6MB	C3	
AM3	Phenom II X2	HDZ550WFK2DGI(BE)	80W	Callisto	3100MHz	2000MHz	512KBx2	6MB	C2	
AM3	Phenom II X2	HDX550WFK2DGM	80W	Callisto	3100MHz	2000MHz	512KBx2	6MB	C3	
AM3	Phenom II X2	HDX545WFK2DGI	80W	Callisto	3000MHz	2000MHz	512KBx2	6MB	C2	
AM3	Phenom II X2	HDX545WFK2DGM	80W	Callisto	3000MHz	2000MHz	512KBx2	6MB	C3	
AM3	Athlon II X4	ADX650WFK42GM	86.9W	Propus	3200MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	ADX645WFK42GM	95W	Propus	3100MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	ADX640WFK42GM	95W	Propus	3000MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	ADX635WFK42GI	95W	Propus	2900MHz	2000MHz	512KBx4	N/A	C2	
AM3	Athlon II X4	ADX635WFK42GM	95W	Propus	2900MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	ADX630WFK42GI	95W	Propus	2800MHz	2000MHz	512KBx4	N/A	C2	
AM3	Athlon II X4	ADX630WFK42GM	95W	Propus	2800MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	AD620EHDK42GM	45W	Propus	2600MHz	2000MHz	512KBx4	NA	C3	
AM3	Athlon II X4	ADX620WFK42GI	95W	Propus	2600MHz	2000MHz	512KBx4	N/A	C2	
AM3	Athlon II X4	AD610EHDK42GM	45W	Propus	2400MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	AD615EHDK42GM	45W	Propus	2500MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	AD605EHDK42GI	45W	Propus	2300MHz	2000MHz	512KBx4	N/A	C2	
AM3	Athlon II X4	AD605EHDK42GM	45W	Propus	2300MHz	2000MHz	512KBx4	N/A	C3	
AM3	Athlon II X4	AD600EHDK42GI	45W	Propus	2200MHz	1800MHz	512KBx4	N/A	C2	
AM3	Athlon II X3	ADX460WFK32GM	95W	Rana	3400MHz	2000MHz	512KBx3	NA	C3	
AM3	Athlon II X3	ADX455WFK32GM	78.5W	Rana	3300MHz	2000MHz	512KBx3	N/A	C3	
AM3	Athlon II X3	ADX450WFK32GM	95W	Rana	3200MHz	2000MHz	512KBx3	N/A	C3	
AM3	Athlon II X3	ADX435WFK32GM	95W	Rana	2900MHz	2000MHz	512KBx3	N/A	C3	
AM3	Athlon II X3	ADX440WFK32GM	95W	Rana	3000MHz	2000MHz	512KBx3	N/A	C3	
AM3	Athlon II X3	ADX445WFK32GM	95W	Rana	3100MHz	2000MHz	512KBx3	N/A	C2	
AM3	Athlon II X3	ADX440WFK32GI	95W	Rana	3000MHz	2000MHz	512KBx3	N/A	C2	
AM3	Athlon II X3	ADX435WFK32GI	95W	Rana	2900MHz	2000MHz	512KBx3	N/A	C2	
AM3	Athlon II X3	ADX425WFK32GI	95W	Rana	2700MHz	2000MHz	512KBx3	N/A	C2	

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Socket	Family	Model	Power	Core	Frequency	FSB	L2 Cache	L3 Core	CPU Rev.	Valid
AM3	Athlon II X3	AD420EHDK32GM	45W	Rana	2600MHz	2000MHz	512KBx3	N/A	C3	
AM3	Athlon II X3	AD415EHDK32GM	45W	Rana	2500MHz	2000MHz	512KBx3	N/A	C3	
AM3	Athlon II X3	AD405EHDK32GM	45W	Rana	2300MHz	2000MHz	512KBx3	N/A	C3	
AM3	Athlon II X3	AD405EHDK32GI	45W	Rana	2300MHz	2000MHz	512KBx3	N/A	C2	
AM3	Athlon II X3	AD400EHDK32GI	45W	Rana	2200MHz	2000MHz	512KBx3	N/A	C2	
AM3	Athlon II X2	ADX270OCK23GM	60.2W	Regor	3400MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	ADX265OCK23GM	60.2W	Regor	3300MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	ADX260OCK23GM	65W	Regor	3200MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	AD255EHDK23GM	45W	Regor	3100MHz	2000MHz	1024KBx2	NA	C3	
AM3	Athlon II X2	ADX255OCK23GQ	65W	Regor	3100MHz	2000MHz	1MBx2	N/A	C2	
AM3	Athlon II X2	AD250EHDK23GM	45W	Regor	3000MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	ADX255OCK23GM	65W	Regor	3100MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	ADX250OCK23GM	65W	Regor	3000MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	ADX250OCK23GQ	65W	Regor	3000MHz	2000MHz	1MBx2	N/A	C2	
AM3	Athlon II X2	AD250USCK23GQ	25W	Regor	1600MHz	1600MHz	1MBx2		C2	
AM3	Athlon II X2	ADX225OCK22GM	65W	Regor	2900MHz	2000MHz	512KBx2	N/A	C3	
AM3	Athlon II X2	AD245EHDK23GM	45W	Regor	2900MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	ADX245OCK23GQ	60W	Regor	2900MHz	2000MHz	1MBx2	N/A	C2	
AM3	Athlon II X2	ADX245OCK23GM	65W	Regor	2900MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	AD240EHDK23GM	45W	Regor	2800MHz	2000MHz	1MBx2	N/A	C3	
AM3	Athlon II X2	AD240EHDK23GQ	45W	Regor	2800MHz	2000MHz	1MBx2	N/A	C2	
AM3	Athlon II X2	ADX240OCK23GQ	60W	Regor	2800MHz	2000MHz	1MBx2	N/A	C2	
AM3	Athlon II X2	AD235EHDK23GQ	45W	Regor	2700MHz	2000MHz	1MBx2	N/A	C2	
AM3	Athlon II X2	ADX220OCK22GM	65W	Regor	2800MHz	2000MHz	512KBx2	N/A	C3	
AM3	Athlon II X2	ADX215OCK22GM	65W	Regor	2700MHz	2000MHz	512KBx2	N/A	C3	
AM3	Athlon II X2	ADX215OCK22GQ	65W	Regor	2700MHz	2000MHz	512KBx2	N/A	C2	
AM3	Athlon II	AD170UEAK13GM	20W	Sargas	2000MHz	1800MHz	1MB		C3	
AM3	Sempron X2	SDX190HDK22GM	45W	Regor	2500MHz	2000MHz	512KBx2	NA	C3	
AM3	Sempron	SDX150HBK13GM	41W	Sargas	2900MHz	2000MHz	1MB	NA	C3	
AM3	Sempron	SDX145HBK13GM	45W	Sargas	2800MHz	2000MHz	1MB	N/A	C3	
AM3	Sempron	SDX140HBK13GQ	45W	Sargas	2700MHz	2000MHz	1MB	N/A	C2	

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