



Product Support For  
**M5A78L/USB3**

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# CPU SUPPORT

- CPU Support
- Memory / Device Support

The following table shows the supported CPUs for this motherboard [Click here to search other motherboards.](#)

CPU	Validated since PCB	Validated since BIOS	Note
Athlon IIX2 215(ADX215OCK22GM),2.7GHz,512KB,rev.C3,65W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 215(ADX215OCK22GQ),2.7GHz,512KB,rev.C2,65W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 220(ADX220OCK22GM),2.8GHz,512KB,rev.C3,65W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 225(ADX225OCK22GM),2.9GHz,512KB,rev.C3,65W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 235e(AD235EHDK23GQ),2.7GHz,1MB,rev.C2,45W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 240(ADX240OCK23GQ),2.8GHz,1MB,rev.C2,65W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 240e(AD240EHDK23GM),2.8GHz,1MB,rev.C3,45W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 240e(AD240EHDK23GQ),2.8GHz,1MB,rev.C2,45W,SocketAM3	ALL	0319 <a href="#">GO</a>	
Athlon IIX2 245(ADX245OCK23GM),2.9GHz,1MB,rev.C2,65W,SocketAM3	ALL	0319 <a href="#">GO</a>	

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Athlon IIX2 245(ADX245OCK23GQ),2.9GHz,1MB,rev.C2,65W,SocketAM3	ALL	U319	<a href="#">GO</a>
Athlon IIX2 245e(AD245EHDK23GM),2.9GHz,1MB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 250(ADX250OCK23GM),3.0GHz,1MB,rev.C3,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 250(ADX250OCK23GQ),3.0GHz,1MB,rev.C2,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 250e(AD250EHDK23GM),3.0GHz,1MB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 255(ADX255OCK23GM),3.1GHz,512KB,rev.C3,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 255(ADX255OCK23GQ),3.1GHz,1MB,rev.C2,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 255e(AD255EHDK23GM),3.1GHz,1MB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 260(ADX260OCK23GM),3.2GHz,1MB,rev.C3,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 265(ADX265OCK23GM),3.3GHz,1MB,rev.C3,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 270(ADX270OCK23GM),3.4GHz,1MB,rev.C3,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 275(ADX275OCK23GM),3.5GHz,1MB,rev.C3,65W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX2 280(ADX280OCK23GM),3.6GHz,1MB,rev.C3,65W,SocketAM3	ALL	1503	<a href="#">GO</a>
Athlon IIX3 400e(AD400EHDK32GI),2.2GHz,512KB,rev.C2,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 405e(AD405EHDK32GI),2.3GHz,512KB,rev.C2,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 405e(AD405EHDK32GM),2.3GHz,512KB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 415e(AD415EHDK32GM),2.5GHz,512KB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 420e(AD420EHDK32GM),2.6GHz,512KB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 425( ADX425WFK32GI),2.7GHz,512KB,rev.C2,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 425e(AD425EHDK32GM),2.7GHz,512KB,rev.C3,45W,SocketAM3	ALL		<a href="#">GO</a>

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Athlon IIX3 435( ADX435WFK32GI),2.9GHz,512KB,rev.C2,95W,SocketAM3	ALL	U319	<a href="#">GO</a>
Athlon IIX3 435( ADX435WFK32GM),2.9GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 440( ADX440WFK32GI),3.0GHz,512KB,rev.C2,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 440( ADX440WFK32GM),3.0GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 445( ADX445WFK32GM),3.1GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 450(ADX450WFK32GM),3.2GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 455(ADX455WFK32GM),3.3GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX3 460(ADX460WFK32GM),3.4GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 600e(AD600EHDK42GI),2.2GHz,512KB,rev.C2,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 605e(AD605EHDK42GI),2.3GHz,512KB,rev.C2,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 605e(AD605EHDK42GM),2.3GHz,512KB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 610e(AD610EHDK42GM),2.4GHz,512KB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 615e(AD615EHDK42GM),2.5GHz,512KB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 620(ADX620WFK42GI),2.6GHz,512KB,rev.C2,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 620e(AD620EHDK42GM),2.6GHz,512KB,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 630(ADX630WFK42GI),2.8GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 630(ADX630WFK42GM),2.8GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 635(ADX635WFK42GI),2.9GHz,512KB,rev.C2,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 635(ADX635WFK42GM),2.9GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319	<a href="#">GO</a>
Athlon IIX4 640(ADX640WFK42GM),3.0GHz,512KB,rev.C3,95W,SocketAM3	ALL		<a href="#">GO</a>

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Athlon IIX4 645(ADX645WFK42GM),3.1GHz,512KB,rev.C3,95W,SocketAM3	ALL	U319 GO
Athlon IIX4 650(ADX650WFK42GM),3.2GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319 GO
Athlon IIX4 655(ADX655WFK42GM),3.3GHz,512KB,rev.C3,95W,SocketAM3	ALL	0319 GO
Athlon X2 5200+(GM),2.3GHz,1MB,rev.C3,65W,AD5200OCK22GM,SocketAM3	ALL	0319 GO
FX-4100(FD4100WMW4KGU),3.6GHz,4C,95W,rev.B2G,AM3+	ALL	0403 GO
FX-4130(FD4130FRW4MGU),3.8GHz,4C,125W,rev.B2G,AM3+	ALL	1003 GO
FX-4150(FD4150WMW4KGU),4.0GHz,4C,95W,rev.B2G,AM3+	ALL	1003 GO
FX-4170(FD4170FRW4KGU),4.2GHz,4C,125W,rev.B2G,AM3+	ALL	0503 GO
FX-4200(FD4200FRW4KGU),3.3GHz,4C,95W,rev.B2G,AM3+	ALL	1003 GO
FX-4300(FD4300WMW4MHK),3.8GHz,4C,95W,rev.C0,AM3+	ALL	1401 GO
FX-4320(FD4320WMW4MHK),4.0GHz,4C,95W,rev.C0,AM3+	ALL	1401 GO
FX-4350(FD4350FRW4KHK),4.2GHz,4C,125W,rev.C0,AM3+	ALL	1401 GO
FX-6100(FD6100WMW6KGU),3.3GHz,6C,95W,rev.B2G,AM3+	ALL	0403 GO
FX-6120(FD6120WMW6KGU),3.5GHz,6C,95W,rev.B2G,AM3+	ALL	1003 GO
FX-6130(FD6130FRW6KGU),3.6GHz,6C,125W,rev.B2G,AM3+	ALL	1003 GO
FX-6200(FD6200FRW6KGU),3.8GHz,6C,125W,rev.B2G,AM3+	ALL	1003 GO
FX-6300(FD6300WMW6KHK),3.5GHz,6C,95W,rev.C0,AM3+	ALL	1401 GO
FX-6330(FD6330WMW6KHK),3.6GHz,6C,95W,rev.C0,AM3+)	ALL	1701 GO
FX-6350(FD6350FRW6KHK),3.9GHz,6C,125W,rev.C0,AM3+)	ALL	1401 GO
FX-8100(FD8100WMW8KGU),2.8GHz,8C,95W,rev.B2G,AM3+	ALL	GO

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FX-8120(FD8120FRW8KGU),3.1GHz,8C,125W,rev.B2G,AM3+	ALL	U403	<a href="#">GO</a>
FX-8120(FD8120WMW8KGU),3.1GHz,8C,95W,rev.B2G,AM3+	ALL	0403	<a href="#">GO</a>
FX-8140(FD8140WMW8KGU),3.2GHz,8C,95W,rev.B2G,AM3+	ALL	1003	<a href="#">GO</a>
FX-8150(FD8150FRW8KGU),3.6GHz,8C,125W,rev.B2G,AM3+	ALL	0403	<a href="#">GO</a>
FX-8300(FD8300WMW8KHK,3.2GHz,8C,95W,rev.C0,AM3+)	ALL	1401	<a href="#">GO</a>
FX-8310(FD8310WMW8KHK, 3.4GHz, 8C, 95W, rev.C0, AM3+)	ALL	1701	<a href="#">GO</a>
FX-8320(FD8320FRW8KHK,3.5GHz,8C,125W,rev.C0,AM3+)	ALL	1401	<a href="#">GO</a>
FX-8320E (FD832EWMW8KHK, 3.2GHz, 8C, 95W,rev.C0,AM3+)	ALL	1701	<a href="#">GO</a>
FX-8350(FD8350FRW8KHK,4.0GHz,8C,125W,rev.C0,AM3+)	ALL	1401	<a href="#">GO</a>
FX-8370(FD8370FRW8KHK, 4.0GHz, 8C, L3:8M, 125W, rev.C0, AM3+)	ALL	1701	<a href="#">GO</a>
FX-8370E (FD837EWMW8KHK, 3.3GHz, 8C, L3:8M, 95W, rev.C0, AM3+)	ALL	1701	<a href="#">GO</a>
Phenom IIX2 545 (HDX545WFK2DGI),3.0GHz,80W,rev.C2,SocketAM3,Dual-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX2 545( HDX545WFK2DGM),3.0GHz,512KB,rev.C3,80W,SocketAM3	ALL	0319	<a href="#">GO</a>
Phenom IIX2 550 (HDZ550WFK2DGI),3.1GHz,80W,rev.C2,SocketAM3,Dual-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX2 550( HDX550WFK2DGM),3.1GHz,512KB,rev.C3,80W,SocketAM3	ALL	0319	<a href="#">GO</a>
Phenom IIX2 555( HDZ555WFK2DGM),3.2GHz,512KB,rev.C3,80W,SocketAM3	ALL	0319	<a href="#">GO</a>
Phenom IIX2 560(HDZ560WFK2DGM),3.3GHz,512KB,rev.C3,80W,SocketAM3	ALL	0319	<a href="#">GO</a>
Phenom IIX2 565(HDZ565WFK2DGM),3.4GHz,512KB,rev.C3,80W,SocketAM3	ALL	0319	<a href="#">GO</a>
Phenom IIX2 570(HDZ570WFK2DGM),3.5GHz,512KB,rev.C3,80W,SocketAM3	ALL	0319	<a href="#">GO</a>
Phenom IIX2 B59(HDXB59WFK2DGM),3.4GHz,rev.C3,89W,SocketAM3	ALL		<a href="#">GO</a>

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Phenom IIX3 700e (HD700EOCK3DGI),2.4GHz,65W,rev.C2,SocketAM3,Triple-Core	ALL	U319	<a href="#">GO</a>
Phenom IIX3 705e (HD705EOCK3DGI),2.5GHz,65W,rev.C2,SocketAM3,Triple-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX3 710 (HDX710WFK3DGI),2.6GHz,95W,rev.C2,SocketAM3,Triple-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX3 720 (HDX720WFK3DGI),2.8GHz,95W,rev.C2,SocketAM3,Triple-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX3 720 (HDZ720WFK3DGI),2.8GHz,95W,rev.C2,SocketAM3,Triple-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX3 740 (HDZ740WFK3DGI),3.0GHz,95W,rev.C2,SocketAM3,Triple-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 805 (HDX805WFK4FGI),2.5GHz,95W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 810 (HDX810WFK4FGI),2.6GHz,95W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 820 (HDX820WFK4FGI),2.8GHz,95W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 840 (HDX840WFK42GM),3.2GHz,95W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 850 (HDX850WFK42GM),3.3GHz,95W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 900e (HD900EOCK4DGI),2.4GHz,65W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 905e (HD905EOCK4DGI),2.5GHz,65W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 905e (HD905EOCK4DGM),2.5GHz,65W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 910 (HDX910WFK4DGI),2.6GHz,95W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 910E(HD910EOCK4DGM),2.6GHz,65W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 925 (HDX925WFK4DGI),2.8GHz,95W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 925 (HDX925WFK4DGM),2.8GHz,95W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 945 (HDX945FBK4DGI),3.0GHz,125W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 945 (HDX945WFK4DGI),3.0GHz,2048KB,95W,rev.C2,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>

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## M5A78L/USB3

Phenom IIX4 945 (HDX945WFK4DGM),3.0GHz,2048KB,95W,rev.C3,SocketAM3,Quad-Core	ALL	U319	<a href="#">GO</a>
Phenom IIX4 955 (HDZ955FBK4DGM),3.2GHz,125W,rev.C3,SocketAM3,Quad-Core	ALL	1202	<a href="#">GO</a>
Phenom IIX4 960 (HDX960WFK4DGM),3.3GHz,95W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 960T (HD96ZTWFK4DGR),3.0GHz,95W,rev.E0,SocketAM3,Quad-Core	ALL	0403	<a href="#">GO</a>
Phenom IIX4 965 (HDZ965FBK4DGI),3.4GHz,140W,rev.C2,SocketAM3,Quad-Core			<a href="#">GO</a>
Phenom IIX4 965 (HDZ965FBK4DGM),3.4GHz,125W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 970 (HDZ970FBK4DGM),3.5GHz,125W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 975 (HDZ975FBK4DGM),3.6GHz,125W,rev.C3,SocketAM3,Quad-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX4 980 (HDZ980FBK4DGM),3.7GHz,125W,rev.C3,SocketAM3,Quad-Core	ALL	0320	<a href="#">GO</a>
Phenom IIX6 1035T(HDT35TWFK6DGR),2.6GHz,95W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX6 1045T(HDT45TWFK6DGR),2.7GHz,95W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX6 1055T(HDT55TFBK6DGR),2.8GHz,125W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX6 1055T(HDT55TWFK6DGR),2.8GHz,125W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX6 1065T(HDT65TWFK6DGR),2.9GHz,95W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX6 1075T(HDT75TFBK6DGR),3.0GHz,125W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX6 1090T(HDT90ZFBK6DGR),3.2GHz,125W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Phenom IIX6 1100T(HDE00ZFBK6DGR),3.3GHz,125W,rev.E0,SocketAM3,6-Core	ALL	0319	<a href="#">GO</a>
Sempron 140,SDX140HBK13GQ,2.7GHz,1024K,rev.C2,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Sempron 145,SDX145HBK13GM,2.8GHz,1024K,rev.C3,45W,SocketAM3	ALL	0319	<a href="#">GO</a>
Sempron 150,SDX150HBK13GM,2.9GHz,1024K,rev.C3,45W,SocketAM3	ALL		

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## M5A78L/USB3

Sempron X2 180,SDX180HDK22GM,2.4GHz,512Kx2,rev.C3,45W,SocketAM3

ALL

U319

GO

Sempron X2 190,SDX190HDK22GM,2.5GHz,512Kx2,rev.C3,45W,SocketAM3

ALL

0403

GO

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