

ASRock 890GX Extreme4 QVL Rev 1.01

DDR3-1866 (OC)

Size	Vendor	Module P/N.	SS/DS	Chip Brand	Part No.	Dual-channel
2GB	ADATA	Gaming , DDR3-2200G v2.0	DS		AX3U2200GB2G9-DG2	2 pcs
2GB	G.SKILL	F3-1600CL7D-4GBFLS	DS			2 pcs

DDR3-1800 (OC)

Size	Vendor	Module P/N.	SS/DS	Chip Brand	Part No.	Dual-channel
1GB	Kingston	KHX2000C9D3K3/3GX	SS			2 pcs
1GB	Kingston	KHX16000D3T1K3/3GX	SS			2 pcs
2GB	Kingston	KHX2333C9D3T1K2/4GX	DS			2 pcs
2GB	Kingston	KHX2250C9D3T1K2/4GX	DS			2 pcs
2GB	Kingston	KHX2133C9AD3T1K2/4GX	DS			2 pcs
2GB	Kingston	KHX2000C9AD3T1K2/4GX	DS			2 pcs
2GB	G.SKILL	F3-17066CL9T-6GBTD	DS			2 pcs
2GB	G.SKILL	F3-17600CL8D-4GBPS	DS			2 pcs
2GB	ADATA	Plus , DDR3-2200+ v2.0	DS		AX3U2200PB2G8-DP2	2 pcs
2GB	ADATA	Gaming , DDR3-2200G v2.0	DS		AX3U2200GB2G9-DG2	2 pcs
2GB	ADATA	Gaming , DDR3-2000G v2.0	DS		AX3U2000GB2G9-DG2	2 pcs
2GB	ADATA	Xtreme , DDR3-2000X	DS			2 pcs
2GB	Winchip	GDF2GB18L090C94GK	DS			2 pcs

DDR3-1600

Size	Vendor	Module P/N.	SS/DS	Chip Brand	Part No.	Dual-channel
4GB	Kingston	KHX1600C9D3K2/8G	DS			V
1GB	Kingston	KHX12800D3/1G	DS			V
2GB	Kingston	KHX1600C9D3X2K2/4GX	DS			V
2GB	Kingston	KHX12800D3/2G	DS			V
2GB	Kingston	KHX12800D3K2/4G	SS			V
1GB	Kingston	KHX13000D3LLK2/2GX	SS			V
1GB	Kingston	KHX12800D3K3/3GX	SS			V
1GB	Kingston	KHX14400D3/1G	SS			V
2GB	Kingston	KHX1600C7D3K2/4GX	DS			V
2GB	Kingston	KHX1600C9D3K2/4GX	DS			V
1GB	A-DATA	DDR3-1600X	SS			V
2GB	A-DATA	DDR3-1600X	DS			V
2GB	Aeneon	AXH860UD20-16H	DS			V
1GB	Aeneon	AXH760UD10-16H	SS			V
1GB	Apacer	78.0AGCA.BN0	SS			V
2GB	Apacer	78.AAGCA.BN1	DS			V
2GB	CORSAIR	CM3X2G1600C9DHXNV	DS			V
2GB	CORSAIR	CM3X2048-1600C7DHXIN)	DS			V
1GB	CORSAIR	CM3X1024-1600C7DHXIN	SS			V
1GB	Crucial	BL12864BA1608.8SFB(XMP)	SS			V
4GB	GEIL	GVP324GB1600C9HC	DS			V
4GB	GEIL	GET316GB1600C9QC	DS			V
1GB	GEIL	GV32GB1600C8DC	SS			V
1GB	G.SKILL	F3-12800CL7D-2GBHZ	SS			V
2G	G.SKILL	F3-12800CL7D-4GBBHZ	DS			V
2GB	G.SKILL	F3-12800CL7D-4GBPI	DS			V
2GB	G.SKILL	F3-12800CL9D-4GBNQ	DS			V
2GB	G.SKILL	F3-12800CL9D-4GBECO	DS			V
2GB	OCZ	OCZ3BE1600C8LV4GK	DS			V
1GB	OCZ	OCZ3P16002GK	SS			V
1GB	OCZ	OCZ3P1600EB1G(XMP)	SS			V
1GB	OCZ	OCZ3T1600XM2GK	SS			V
2GB	OCZ	OCZ3P1600EB4GK	DS			V
2GB	OCZ	OCZ3RPR16004GK	DS			V
1GB	OCZ	OCZ3P1600EB2GK	SS			V
1GB	PATRIOT	PVS32G1866LLK	SS			V
1GB	Patriot	PVS34G1600LLKN	DS			V
1GB	PQI	MFADR322LA0101-08A3	DS			V
1GB	Team	TXD32048M1600HC7	SS			V
1GB	Team	TXD32048M1866HC8DC	SS			V
1GB	Transcend	TX1800KLU-2GK	SS			V

1GB	Qimonda	IMNH1GU13A1F1C-XPB	DS			V
DDR3-1333						
Size	Vendor	Module P/N.	SS/DS	Chip Brand	Part No.	Dual-channel
1G	A DATA	AD31333001GOU(AD6311A08)	DS	ADATA	AD30908CBD-15HG	V
2G	A DATA	AD31333002GMU(EL6311B16)	DS	ELPIDA	J1108BABG-DJ-E	V
1GB	A-DATA	SC6311B16	DS	SAMSUNG	K4B1G0846D	V
1GB	Apacer	78.01GC8.422	SS	Elpida	J1108BABG-DJ-E	V
2GB	Apacer	78.A1GC6.421	DS	Elpida	J1108BABG-DJ-E	V
1GB	Aeneon	AEH760UD00-13H	DS	AENEON	AEH93R13H	V
2GB	Aeneon	AEH860UD00-13H	DS	AENEON	AEH03R13H	V
1GB	BUFFALO	FSX1333D3G-1G	SS			V
1GB	BUFFALO	FSX1333D3G-2G	DS			V
2GB	CORSAIR	CM3X2048-1333C9DHX	DS			V
1GB	CORSAIR	CM3X1024-1333C9	DS			V
1GB	CORSAIR	CM3X1024-1333C9DHX	DS			V
1GB	CORSAIR	CM3X1024-1333C9DHX	DS			V
2GB	Elixir	M2F2G64CB8HA4N-CG	DS	Elixir	N2CB1G80AN-CG	V
4G	GEIL	GET316GB1333C9QC	DS			V
1GB	GEIL	GV32GB1333C7DC	SS			V
1G	G.SKILL	F3-10600CL9D-2GBN9	SS			V
1GB	G.SKILL	F3-10600CL7D-2GBPI	SS			V
1GB	G.SKILL	F3-10600CL8D-2GBHK	SS			V
1GB	G.SKILL	F3-10600CL9D-2GBPK	SS			V
2GB	G.SKILL	F3-10666CL9D-4GBPK	DS			V
1GB	G.SKILL	F3-10666CL8D-4GBHK	DS			V
2GB	G.SKILL	F3-10666CL8D-4GBRM	DS			V
2GB	G.SKILL	F3-10666CL8D-4GBECO	DS			V
1GB	Kingston	KVR1333D3N9/1G	SS	Elpida	J1108BASE-DJ-E	V
2GB	Kingston	KVR1333D3N9/2G	DS	Elpida	J1108BASE-DJ-E	V
1GB	Kingston	KHX11000D3ULK2/2G	DS	N/A		V
1GB	KingMax	FLFD45F-B8EE9	SS	Elpida	J1108BASE-DJ-E	V
1GB	KingMax	FLFD45F-B8MF9	SS	Micron	8ED22D9JNM	V
2GB	KingMax	FLFE85F-B8MF9	DS	Micron	8ED22D9JNM	V
1GB	Micron	MT8JTF12864AY-1G4BYTES	SS	Micron	Z9HWR	V
2GB	Micron	MT16JTF25664AY-1G4BYTES	DS	Micron	Z9HWR	V
2GB	Micron	MT16JTF25664AY	DS	Micron	8HD22D9JNM	V
1GB	Nanya	NT1GC64B88A0NF-CG	SS	Nanya	NT5C8128M8AN-CG	V
2GB	Nanya	NT2GC64B88A0NF-CG	DS	Nanya	NT5C8128M8AN-CG	V
1GB	Nanya	NT1GC72B89A0NF-CF	SS	Nanya	NT5CB128H8AN-CF	V
2GB	NCP	ELPH8AUDR-13M88	DS	Elpida	J1108BASE-DJ-E	V
2GB	OCZ	OCZ3P1333LV6GK	DS			V
2GB	OCZ	OCZ3X1333LV6GK	DS			V
2GB	OCZ	OCZ3V1333LV6GK	DS			V
2GB	OCZ	OCZ3G1333LV6GK	DS			V
1GB	OCZ	OCZ3RPX1333EB2GK	SS			V
2GB	OCZ	OCZ3P13334GK	DS			V
512MB	OCZ	OCZ3P13331GK	SS			V
1GB	OCZ	OCZ3P13332GK	DS			V
2GB	OCI	04902G16DJ9U4A	DS			V
2G	PATRIOT	PSD32G13332	DS	ELPIDA	J1108BASE-DJ-E	V
512MB	Patriot	PDC32G1333LLK	SS			V
1GB	PQI	MFACR322LA0101-08A1	DS	PQI	PQC3648S15R	V
512MB	Qimonda	IMSH51U03A1F1C-13H	SS	Qimonda	IDSH51-03A1F1C-13H	V
512MB	Qimonda	IMSH51U03A1F1C-13G	SS	Qimonda	IDSH51-03A1F1C-13G	V
2GB	Qimonda	IMSH2GU13A1F1C-13H	DS	Qimonda	IDSH1G-03A1F1C-13H	V
1GB	Qimonda	IMSH1GE13A1F1C-13H	DS	Qimonda	IDSH51-03A1F1C-13H	V
1GB	Samsung	M391B2873DZ1	SS	SEC	SEC 813 HCH9	V
1GB	SAMSUNG	M378B2873DZ1-CH9	SS	SAMSUNG	K4B1G0846D	V
2GB	SAMSUNG	M378B5673DZ1-CH9	DS	SAMSUNG	K4B1G0846D	V
2GB	Silicon Power	SP002GBLTU133S02	DS	ELPIDA		V
1GB	Silicon Power	SP001GBLTU133S02	SS	ELPIDA		V
1GB	Transcend	TS128MLK64V3U	SS	SAMSUNG	K4B1G0846D	V
2GB	Transcend	TS256MLK64V3U	DS	SAMSUNG	K4B1G0846D	V
512MB	TwinMOS	8HCBJU-ED	SS	Elpida	J5308BASE-DG-E	V
1GB	Team	TXD31024M1333HC7	SS			V

2GB	Team	TED32048M1333HC9	DS			V
1GB	Team	TED31024M1333HC9	SS			V
1GB	Winchip	GDF1GB68L150C9	DS	Winchip	AHI648EES-13K	V
DDR3-1066						
Size	Vendor	Module P/N.	SS/DS	Chip Brand	Part No.	Dual-channel
4GB	Kingston	KVR1066D3N7/4G	DS	SAMSUNG	K4B2G0846B HCF8	V
512MB	Kingston	KVR1066D3N7/512	SS	Elpida	J5308BASE-AC-E	V
1GB	Kingston	KVR1066D3N7/1G	DS	Elpida	J5308BASE-AE-E	V
2GB	Kingston	KVR1066D3N7/2G	DS	Samsung	K4B1G0846C ZCF8	V
1GB	A-DATA	M3OEL3G3I4130A1B5Z	DS	Elpida	J5308BASE-AE-E-S	V
512MB	A-DATA	EL6YG1908	SS	Elpida	J5308BASE-AC-E	V
1GB	A-DATA	EL6YG1A16	DS	Elpida	J5308BASE-AC-E	V
1GB	Aeneon	AEH660UD-10FA98X	DS	AENEON	AEH93R10F	V
1GB	Aeneon	AEH760UD00	DS	AENEON	AEH93R10F	V
512MB	BUFFALO	D3U1066-S512	SS	Elpida	J5308AASE-AC-E	V
1GB	CORSAIR	CM3X1024-1066C7	DS	N/A	Heat-Sink Package	V
2GB	Crucial	CT25664BA1067.16SFD	DS	MICRON	D9JNL	V
1GB	Crucial	CT12864BA1067.8SFB	SS	MICRON	Z9HWQ	V
1GB	Elpida	EBJ11UD8BAFA-AG-E	DS	Elpida	J5308BASE-AC-E	V
512MB	Elpida	EBJ51UD8BAFA-AE-E	SS	Elpida	J5308BASE-AC-E	V
2GB	Elixir	M2F2G64CB8HA4N-BE	DS	elixir	N2CB1G80AN-BE	V
1GB	G.SKILL	F3-8500CL7D-2GBNQ	SS			V
1GB	G.SKILL	F3-8500CL6D-2GBHK	SS			V
1GB	Hynix	HMT112U6AFP8C-G7N0	SS	HYNIX	H5TQ1G83AFPG7C	V
1GB	Hynix	HYMT112U64ZNF8-G7	SS	HYNIX	HY5TQ1G831ZNF8-G7	V
2GB	Hynix	HYMT125U64ZNF8-G7	DS	HYNIX	HY5TQ1G831ZNF8-G7	V
2GB	Hynix	HMT125U6AFP8C-G7N0	DS	Hynix	H5TQ1G83AFP	V
1GB	KINGMAX	FLED45F-A8EB7	DS	Elpida	J5308BASE-AE-E	V
1GB	Micron	MT8JTF12864AY-1G1D1	SS	Micron	7VD22	V
2GB	Micron	MT16JTF25664AY-1G1D1	DS	Micron	7VD22	V
512MB	Micron	MT4JTF6464AY	SS	Micron	7IBI2 Z9HXV	V
1GB	Micron	MT8JTF12864AY	SS	Micron	7GBI2 Z9HWQ	V
2GB	Micron	MT16JTF25664AY	DS	Micron	8DD22D9JNL	V
512MB	Nanya	NT512C72B89A0NY-BE	SS	Nanya	NT5CB64M8AN-BE	V
2GB	Nanya	NT2GC64B8HA0NF-BE	DS	Nanya	NT5C8128M8AN-BE	V
1G	PQI	MFAB322LA0101-07B1	DS	PQI	PQB3648S19R	V
1GB	PATRIOT	PSD31G106681	SS	Micro	7GB12 Z9HWQ	V
1GB	Qimonda	IMSH1GU03A1F1C-10G	SS	QIMONDA	IDSH1G-03A1F1C-10G	V
1GB	Qimonda	IMSH1GU13A1F1C-10F	DS	QIMONDA	IDSH51-03A1F1C-10F	V
2GB	Qimonda	IMSH2GU13A1F1C-10F	DS	QIMONDA	IDSH1G-03A1F1C-10F	V
2GB	Qimonda	IMSH2GU13A1F1C-10G	DS	QIMONDA	IDSH1G-03A1F1C-10G	V
512MB	Qimonda	IMSH51U03A1F1C-10F	SS	Qimonda	IDSH51-03A1F1C-10F	V
1GB	Qimonda	IMSH1GU03A1F1C-10F	SS	Qimonda	IDSH1G-03A1F1C-10F	V
2GB	Qimonda	IMSH2GU03A1F1C-10G	DS	Qimonda	IDSH1G-03A1F1C-10G	V
1GB	Samsung	M378B2873CZ0-CF8	SS	Samsung	K4B1C0846C ZCF8	V
1GB	Samsung	M391B2873CZ0-CF8	SS	Samsung	K4B1G0846C ZCF8	V
2GB	Samsung	M391B5673CZ0-CF8	DS	Samsung	K4B1G0846C ZCF8	V
4GB	Samsung	M378B5273BH1-CF8	DS	Samsung	K4B2G0846B HCF8	V
2GB	Team	TED34096M1066HC7DC	DS			V
1G	TRANSCEND	TS128MLK64V1U	SS	SEC	SEC 843 CHC9 K4B1G0846D	V
2G	TRANSCEND	TS256MLK64V1U	DS	SEC	SEC 813 HCF8 K4B1G0846D	V
1GB	WINTEC	3DU3191A-10	DS	QIMONDA	IDSH51-03A1F1C-10F	V
DDR3-800						
Size	Vendor	Module P/N.	SS/DS	Chip Brand	Part No.	Dual-channel
1GB	Hynix	HYMT112U64ZNF8-S6 AA	DS	Hynix	HY5TQ1G831ZN F-S6	V
2GB	Hynix	HYMT125U64ZNF8-S5 AA	DS	Hynix	HY5TQ1G831ZN F-S5	V
1GB	Nanya	NT1GC64B8HA0NY-25D	DS	Nanya	NT5CB64M8AN-25D	V
512MB	Qimonda	IMSH51U03A1F1C-08E	SS	Qimonda	IDSH51-03A1F1C-08E	V
1GB	Qimonda	IMSH1GU13A1F1C-08E	DS	Qimonda	IDSH51-03A1F1C-08E	V
512MB	Samsung	M378B6573EZ0-CF7	SS	Samsung	K4B510846E-ZCF7	V

Note1: v = dual channel, supports 2 modules and 4 modules

Note2: 2PCS = tested successfully with 2 modules

Note3: The O.C. mode is not guaranteed. It depends on whole system configuration and other parameters.

Note4: For system stability, use more efficient memory cooling system to support a full memory load (4 DIMMs) when overclocking.