P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL) DDR3 2800(O.C.) MHz capability

Vendors	Part No.	Cimo	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIM	M socket support (Op	tional)
vendors	Fait NO.	Size	33/03	Cilip Brand	Chip NO.	rilling	Voltage	1 DIMM	2 DIMM	4 DIMM
G.skill	F3-2800CL11Q-16GBZHD	16GB (4x 4GB)	DS		-	11-13-13-35	1.65	•	•	•

* The 2800Mhz memory modules above are supported by this motherboard; however, the actual frequency support varied depending on the O.C. margin of the installed CPU.

*Due to Intel® 2nd generation processors' behavior, DDR3 2200 and above/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.

* Units.
 * Units.

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the sides for better overciocking capability.

-The default Dillnd frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overciocking may operate at a lower frequency than the vendor-marked value

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

DDR3 2666(O.C.) MHz capability

Vendors	Part No.	Cimo	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIM	M socket support (Opti	onal)
Vendors	Fait No.	Size	33/03	Chip Brand	Chip NO.	rilling	Voltage	1 DIMM	2 DIMM	4 DIMM
G.skill	F3-2666CL10Q-16GBZHD	16GB (4x 4GB)	DS	-	-	10-12-12-31	1.65	•	•	•

G.skill F.3-2666CL 100-1666ZHD 160B (4x 4GB) DS 10-12-12-31
The 2666MLx memory modules above are supported by this monterboard; however, the actual frequency support varied depending on the O.C. margin of the installed CPU.
*Due to Intel® 2nd generation processors' behavior, DDR3 2200 and above/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.
*ADMM:
**ObmM: Supports one module inserted in any slot as Single-channel memory configuration
**We suggest that you install the module into A2 slot for better stability.
**2 DIMM: Supports one paid of modules inserted into either the bias slots or the black slots as one pair of Dual-channel memory configuration
**We suggest that you install the module into A28 slot for better stability.
**4 DIMM: Supports 4 modules inserted into both the blue and slots, slots as two pairs of Dual-channel memory configuration

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default Dillah frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL) DDR3 2600(O.C.) MHz capability

Mandan	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIM	M socket support (Option	onal)
Vendors	Part No.	Size	55/05	Chip Brand	Chip NO.	Timing	voitage	1 DIMM	2 DIMM	4 DIMM
G.skill	F3-20800CL10-16GBZMD(XMP)	16GB (4x 4GB)	DS			10-12-12-28	1.65	•	•	•
G.skill	F3-2600CI 11Q-32GBZHD	32GB(4x8GB)	DS	-	-	11-13-13-35	1.65	•	•	•

G.skill F.3-2600CL110-3226BZHD 32GB(4sGB) DS DS - 11-13-13-35
The 2600Mtz memory modules above are supported by this motherboard; however, the actual frequency support varied depending on the O.C. margin of the installed CPU.
*Due to Intel® 2nd generation processors' behavior, DDR3 2200 and above/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.
*ADMM:

* United:
 * DIMMS: Supports one module inserted in any slot as Single-channel memory configuration
 We suggest that you install the module into A2 slot for better stability.
 * 2 DIMMS: Supports one pir of modules inserted into interthe beta slot or the back slot as a one pair of Dual-channel memory of the support of Dual-channel memory was suggest that you install the module into A2D2 slot for better stability.
 * 4 DIMMS: Supports A modules intered into both the blue and black slots as to pairs of Dual-channel memory configuration.

When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

It is recommended to install the memory modules from the slots for better overclocking capability.

The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

DDR3 2500(O.C.) MHz capability

Vendors	Dort No.	Cimo	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIM	/I socket support (Opt	ional)
Vendors	Part No.	Size	33/03	Chip Brand	Chip NO.	Tilling	voltage	1 DIMM	2 DIMM	4 DIMM
G.Skill	F3-20000CL10Q-16GBZHD(XMP)	16GB (4x 4GB)	DS	-	-	10-11-11-31	1.65	•	•	•

G.Skill F3-20000CL100-16GEZHD(XMP) 16GB (4x 4GB) DS 10-11-11-31
The 2500Mix memory modules above are supported by this motherboard; however, the actual frequency support varied depending on the O.C. margin of the installed CPU.
*Due to Intel® 2nd generation processors' behavior, DDR3 2200 and above/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.
*DIMM: Supports one models inserted in any sit as Single-channel memory configuration

*We suggest that you install the module in lot 24 bit for better stability.
*2 DIMM: Supports one pair of modules inserted in either the bits wisto or the black sites as one pair of Dual-channel memory configuration

*We suggest that you install the module in the A282 site for better stability.
*4 DIMM: Supports one pair of modules inserted into bits the bits and bits at lots as the pair of Dual-channel memory configuration

**Versupports that you install the module into A282 site for better stability.

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overciocking capability.

-The default Dithin frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overciocking may operate at a lower frequency than the vendor-marked value

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timin n	Valence	DIMI	M socket support (Opt	ional)
vendors	Part No.	Size	55/05	Chip Brand	Chip NO.	Timing	Voltage	1 DIMM	2 DIMM	4 DIMM
CORSAIR	CMGTX3(XMP)	2GB	DS		-	9-11-9-27	1.65	•	•	
G.SKILL	F3-19200CL10Q-32GBZHD(XMP)	32GB (4x 8GB)	DS			10-12-12-31	1.65	•	•	•
G.SKILL	F3-19200CL11Q-16GBZHD(XMP)	16GB (4x 4GB)	DS		-	11-11-11-31	1.65		•	•
G.SKILL	F3-19200CL9D-4GBPIS(XMP)	4G (2x 2G)	DS			9-11-9-28	1.65	•	•	
G.SKILL	F3-19200CL9Q-16GBZMD(XMP)	16GB (4x 4GB)	DS	-	-	9-11-11-31	1.65	•	•	•
GEIL	GOC316GB2400C10QC(XMP)	16GB (4x 4GB)	DS			10-11-11-30	1.65	•	•	•
GEIL	GOC316GB2400C11QC(XMP)	16GB (4x 4GB)	DS	-	-	11-11-11-30	1.65	•		
Kingston	KHX2400C11D3K4/8GX(XMP)	8GB (4x 2GB)	SS			11-13-11-30	1.65	•		
Patriot	PVV34G2400C9K(XMP)	4GB (2x 2GB)	DS	-	-	9-11-9-27	1.66		•	•
Transcend	TX2400KLU-4GK (381850)(XMP)	2GB	DS			-	1.65	•		•

INCHAINANCE TO NO. (301000 (AMR*) 208 US

The 2400Mbx memory modules above are supported by this motherboard; however, the actual frequency support varied depending on the O.C. margin of the installed CPU.

Due to Intel® 2nd generation processors' behavior, DDR3 2200 and above/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.

4 DBMS:

1 DIMMS supports one module inserted in any slot as Single-channel memory configuration

We suggest that you install the module into A2 slot for better stability.

2 DIMMS supports one pair of modules inserted inio after the blue slots or the black slots as one pair of Dual-channel memory configuration

We suggest that you install the module into A282 slot for better stability.

4 DIMMS supports and modules inserted into both the blue and black sides as to agree or Dual-channel memory configuration

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the sides for better overciocking capability.

-The default Dilth frequency depends on its Serial Presence Delect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL) DDR3 2200(O.C.) MHz capability

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIM	M socket support (Opt	ional)
vendors	Part No.	Size	29/02	Chip Brand	Chip NO.	Timing	voitage	1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-17600CL7D-4GBFLS(XMP)	4G (2x 2G)	DS	-		7-10-10-28	1.65	•	•	
GEIL	GET34GB2200C9DC(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-28	1.65	•	•	
GEIL	GET38GB2200C9ADC(XMP)	8GB (2x 4GB)	DS	-		9-11-9-28	1.65	•	•	•
KINGMAX	FLKE85F-B8KJAA-FEIS(XMP)	4GB (2x 2GB)	DS	Kingmax	N/A	-		•	•	

KINGMAX FLKE85F-198KJAN-FLIS(XMP) 469E (22 26E) DS Kingmax N/A - **
The 2200Mbx memory modules above are supported by this motherboard; however, the actual frequency support ayaried depending on the O.C. margin of the installed CPU.
*Due to Intel® 2nd generation processors' behavior, DDR3 2200 and above/2000/1800 MHz memory module will run at DDR3 2133/1866/1600 MHz frequency as default.
*ADMM:

4 DIMM: Supports one module inserted in any slot as Single-channel memory configuration

We suggest that you install the module into A2 slot for better stability.

2 DIMM: Supports one pair of modules inserted into either the ble slots or the black slots as one pair of Dual-channel memory configuration.

We suggest that you install the module into A282 slot for better stability.

4 DIMM: Supports of modules innerfed into both the black and that's of Dual-channel memory configuration.

When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default sta

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

DDR3 2133(O.C.) MHz capability

	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMI	l socket support (Op	tional)
	Fait NO.	3126	33/03	Chip Brand	Chip NO.	Tilling	voltage	1 DIMM	2 DIMM	4 DIMM
A-DATA	AX3U2133C2G9B(XMP)	2GB	SS	-	-	9-11-9-27	1.55~1.75		•	•
A-DATA	AX3U2133GC2G9B(XMP)	2GB	SS	-		9-9-9-24	1.55-1.75	•	•	
A-DATA	AX3U2133GC4G9B(XMP)	16GB (4x 4GB)	DS	-	-	9-11-9-27	1.65	•		•
Apacer	78.BAGE4.AFD0C(XMP)	8GB (2x 4GB)	DS	-		9-9-9-24	-	•	•	•
CORSAIR	CMT4GX3M2A2133C9(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-24	1.65	•	•	•
CORSAIR	CMT4GX3M2B2133C9(Ver7.1)(XMP)	4GB (2x 2GB)	DS	-		9-9-9-24	1.5		•	•
CORSAIR	CMT4GX3M2B2133C9(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-27	1.5	•	•	
G.SKILL	F3-17000CL11Q2-64GBZLD(XMP)	64GB (8x 8GB)	DS	-		11-11-11-30	1.5	•	•	•
G.SKILL	F3-17000CL9Q-16GBXLD(XMP)	16GB (4x 4GB)	DS	-		9-11-9-28	1.65	•	•	•

G.SKILL	F3-17000CL9Q-16GBZH(XMP)	16GB (4x 4GB)	DS			9-11-10-28	1.65	•	•	•
G.SKILL	F3-17066CL9D-8GBPID(XMP)	8GB (2x 4GB)	DS			9-9-9-24	1.65	•	•	•
G.SKILL	F3-17066CL9Q-16GBTDD(XMP)	16GB (4x 4GB)	DS			9-9-9-24	1.65	•		
KINGSTON	KHX2133C11D3K4/16GX(XMP)	16GB (4x 4GB)	DS			11-12-11-30	1.65	•	•	
OCZ	OCZ3XTEP2133C9LV4GK	2GB	DS			7-7-7-20	1.65	•	•	
Patriot	P\//34G2133C9K/XMP)	4GB (2v 2GB)	DS	-	-	9-11-9-27	1.66	•	•	

- 4 DIMM:

 1 DIMM: Supports one module inserted in any slot as Single-channel memory configuration

 We suggest that you install the module into A2 slot for better stability.

 2 DIMM: Supports one pair of modules inserted into either the bits slots or the black slots as one pair of Dual-channel memory was under the pair of Dual-channel memory configuration.

 4 DIMM: Supports 4 modules inserted into both the Blue and Black slots as two pairs of Dual-channel memory configuration.

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the sitots for better overciocking capability.

-The default DMR frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

טטעט צאטע(כ	J.C.) WHZ capability									
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage		I socket support (Opt	
					<u> </u>			1 DIMM	2 DIMM	4 DIMM
A-DATA	AX3U2000GB2G9B(XMP)	2GB	DS		-	9-11-9-27	1.55~1.75	•		
A-DATA	AX3U2000GC4G9B(XMP)	4GB	DS		-	9-11-9-27	1.55~1.75	•	•	•
AEXEA	AXA3ES2G2000LG28V(XMP)	2GB	DS		-		1.65	•	•	•
AEXEA	AXA3ES4GK2000LG28V(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65	•	•	•
Apacer	78.AAGD5.9KD(XMP)	6GB(3 x 2GB)	DS		-	9-9-9-27		•	•	
Asint	SLA302G08-ML2HB(XMP)	4GB	DS	Hynix	H5TQ2G83BFRH9C	9-9-9-27	-	•	•	•
CORSAIR	CMT6GX3M3A2000C8(XMP)	6GB (3x 2GB)	DS	-		8-9-8-24	1.65	•	•	
CORSAIR	CMZ4GX3M2A2000C10(Ver 5.12)(XMP)	4GB (2x 2GB)	SS	-		10-10-10-27	1.5	•	•	
G.SKILL	F3-16000CL9D-4GBRH(XMP)	4GB(2 x 2GB)	DS		-	9-9-9-24	1.65	•	•	•
G.SKILL	F3-16000CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-		9-9-9-24	1.65	•	•	•
GEIL	GUP34GB2000C9DC(XMP)	4GB (2x 2GB)	DS	-		9-9-9-28	1.65	•		•
Gingle	FA3URSS673A801A	2GB	DS	-	-	9-9-9-24	-	•	•	
Patriot	PV736G2000ELK(XMP)	6GB (3x 2GB)	DS	-		7-7-7-20	1.65	•	•	•
Patriot	PX7312G2000ELK(XMP)	12GB (3x 4GB)	DS			9-11-9-27	1.65	•	•	•
ilicon Power	SP002GBLYU200S02(XMP)	2GB	DS			-		•	•	•
Team	TXD32048M2000C9(XMP)	2GB	DS	Team	T3D1288RT-20	9-9-9-24	1.5	•		
Team	TXD32048M2000C9-L(XMP)	2GB	DS	Team	T3D1288RT-20	9-9-9-24	1.6	•		•
Transcend	TX2000KLN-8GK (388375)(XMP)	4GB	DS	-	-		1.6	•	•	

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.
-It is recommended to install the memory modules from the sitots for better overciocking capability.
-The default Diff requency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

DDK3 1866	(O.C.) MHz capability									
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMN	l socket support (Op	tional)
	Fait No.	3126	33/03	Chip Brand	Chip NO.	rilling	voltage	1 DIMM	2 DIMM	4 DIMM
A-DATA	AX3U1866GC2G9B(XMP)	2GB	SS	-		9-11-9-27	1.55~1.75	•	•	
A-DATA	AX3U1866GC4G9B(XMP)	4GB	DS			9-11-9-27	1.55~1.75	•	•	•
CORSAIR	CMT32GX3M4X1866C9(Ver3.23)(XMP)	32GB (4x 8GB)	DS	-	-	9-10-9-27	1.5	•	•	
CORSAIR	CMZ32GX3M4X1866C10(Ver3.23)(XMP)	32GB (4x 8GB)	DS	-		10-11-10-27	1.5	•	•	•
CORSAIR	CMZ8GX3M2A1866C9(XMP)	8GB (2x 4GB)	DS	-		9-10-9-27	1.5	•	•	•
Crucial	BLE4G3D1869DE1XT0.16FMD(XMP)	4GB	DS			9-9-9-27	1.5	•	•	•
G.SKILL	F3-14900CL10Q2-64GBZLD(XMP)	64GB (8x 8GB)	DS	-		10-11-10-30	1.5	•	•	•
G.SKILL	F3-14900CL9D-8GBSR(XMP)	8GB (2x 4GB)	DS	-		9-10-9-28	1.5	•	•	•
G.SKILL	F3-14900CL9Q-16GBXL(XMP)	16GB (4x 4GB)	DS	-		9-10-9-28	1.5	•	•	•
G.SKILL	F3-14900CL9Q-16GBZL(XMP)	16GB (4x 4GB)	DS			9-10-9-28	1.5	•	•	•
G.SKILL	F3-14900CL9Q-8GBFLD(XMP)	8GB (2x 4GB)	DS	-		9-9-9-24	1.6	•	•	•
Patriot	PXD34G1866ELK(XMP)	4GB (2x 2GB)	SS	-		9-9-9-24	1.65	•	•	•
Patriot	PXD38G1866ELK(XMP)	8GB (2x 4GB)	DS	-		9-11-9-27	1.65	•	•	•
Team	TXD34096M1866HC9K-L(XMP)	4GB	DS	Hynix	H5TC2G83BFRH9A	9-11-9-27	1.65	•	•	•

- 4 DIMM:

 1 DIMM: Supports one module inserted in any slot as Single-channel memory configuration

 We suggest that you install the module into A2 slot for better stability.

 2 DIMM: Supports one pair of modules insorted into either the tible slots or the black slots as one pair of Dual-channel memory configuration

 We suggest that you install the module into A282 slot for better stability.

 4 DIMM: Supports A modules inserted into both the blace addless slots as to upon a Dual-channel memory configuration

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the sitots for better overciocking capability.

-The default Diff requency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

DDR3 1800(O.C.) MHz canability

	Dest No.	Ci	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIM	M socket support (Opt	ional)
	Part No.	Size	55/05	Chip Brand	Chip NO.	Timing	voitage	1 DIMM	2 DIMM	4 DIMM
G.SKILL	F3-14400CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.6	•	•	•

- 4 DIMM:

 1 DIMM: Supports one module inserted in any slot as Single-channel memory configuration

 We suggest that you install the module into A2 slot for better stability.

 2 DIMM: Supports one pair of modules inserted into either the blue slots or the black slots as one pair of Dual-channel mem

 We suggest that you install the module into A282 slot for better stability.

 4 DIMM: Supports a modules inserted into both the blue and black slots as two pairs of Dual-channel memory configuration.

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL)

DDR3 1600I	MHz capability									
	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMI	I socket support (Opt	
	Tartino.	5126	30/23	Onip Brand	Chip NO.	Tilling	Voltage	1 DIMM	2 DIMM	4 DIMM
A-DATA	AM2U16BC2P1	2GB	SS	A-DATA	3CCD-1509A		-	•	•	•
A-DATA	AM2U16BC4P2	4GB	DS	A-DATA	3CCD-1509A		-	•	•	•
A-DATA	AX3U1600PC4G8(XMP)	4GB	DS			8-8-8-24	1.55~1.75	•	•	•
AMD	AE32G1609U1-U	2GB	SS	AMD	23EY4587MB6H		1.5	•	•	•
AMD	AE34G1609U2-U	4GB	DS	AMD	23EY4587MB6H		1.5	•	•	
AMD	AP38G1608U2K(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-28	1.65	•	•	•
Apacer	78.B1GE3.9L10C	4GB	DS	Apacer	AM5D5908DEQSCK		1.65	•		•
Apacer	AHU04GFA60C9Q1D(XMP)	4GB	DS			9-9-9-27	1.65	•	•	•
Asint	SLA302G08-EGG1C(XMP)	4GB	DS	Asint	302G08-GG1C	9-9-9-27	-	•	•	•
Asint	SLA302G08-EGJ1C(XMP)	4GB	DS	Asint	302G08-GJ1C	9-9-9-27	-	•	•	•
Asint	SLB304G08-EGN1B	8GB	DS	ASint	304G08-GN1B		-	•	•	•
Asint	SLZ3128M8-EGJ1D(XMP)	2GB	DS	Asint	3128M8-GJ1D		-	•	•	•
ATP	AQ12M64B8BKK0S	4GB	DS	SAMSUNG	K4B2G08460		NO	•	•	•
CORSAIR	CMG4GX3M2A1600C6	4GB (2x 2GB)	DS	-		6-6-6-18	1.65	•	•	•
CORSAIR	CML16GX3M4X1600C8(Ver 2.12)(XMP)	16GB (4x 4GB)	DS		-	Heat-Sink Package	1.5	•	•	•
CORSAIR	CMP6GX3M3A1600C8(XMP)	6GB (3x 2GB)	DS	-	-	8-8-8-24	1.65	•	•	•
CORSAIR	CMP6GX3M3A1600C8(XMP)	6GB (3x 2GB)	DS			8-8-8-24	1.65	•	•	•
CORSAIR	CMX6GX3M3C1600C7(XMP)	6GB (3x 2GB)	DS	-		7-8-7-20	1.65	•	•	•
CORSAIR	CMZ16GX3M4A1600C9(XMP)	16GB (4x 4GB)	DS			9-9-9-24	1.5	•	•	•
CORSAIR	CMZ32GX3M4X1600C10 (Ver2.2)(XMP)	32GB (4x 8GB)	DS	-	-	10-10-10-27	1.5	•	•	•
CORSAIR	CMZ8GX3M2A1600C8(XMP)	8GB (2x 4GB)	DS			8-8-8-24	1.5	•	•	•
CORSAIR	CMZ8GX3M2A1600C9(XMP)	8GB (2x 4GB)	DS	-		9-9-9-24	1.5	•	•	•
CORSAIR	CMZ8GX3M4X1600C9(Ver 2.12)(XMP)	8GB (4x 2GB)	SS			9-9-9-24	1.5	•	•	•
CORSAIR	HX3X12G1600C9(XMP)	12GB (6x 2GB)	DS	-	-	9-9-9-24	1.6	•	•	•
Crucial	BL12864BN1608.8FF(XMP)	2GB(2x 1GB)	SS			8-8-8-24	1.65	•	•	•
Crucial	BLT4G3D1608DT1TX0.16FM(XMP)	4GB	DS			8-8-8-24	1.5	•	•	•
EK Memory	EKM324L28BP8-I16(XMP)	4GB(2x 2GB)	DS			9	-	•	•	•
EK Memory	EKM324L28BP8-I16(XMP)	4GB(2 x 2GB)	DS	-		9	-	•	•	•
Elixir	M2X2G64CB88G7N-DG(XMP)	2GB	SS	Elixir	N2CB2G80GN-DG	9-9-9-28	-	•	•	•
Elixir	M2X4G64CB8HG5N-DG(XMP)	4GB	DS	Elixir	N2CB2G80GN-DG	9-9-9-28	-	•	•	•

G.SKILL F3- G.SKILL F3- G.SKILL F3- G.SKILL F3- G.SKILL F3- G.SKILL F3-	X8G64CB8HB5N-DG(XMP) 12800CL7D-8GBRH(XMP) 12800CL7Q-16GBXH(XMP) 12800CL8D-8GBECO(XMP) 12800CL9D-8GBRL(XMP)	8GB 8GB (2x 4GB) 16GB (4x 4GB)	DS DS DS	Elixir - -	N2CB4G80BN-DG	9-9-9-28 7-8-7-24	1.5 1.6	•	•	•
G.SKILL F3- G.SKILL F3- G.SKILL F3- G.SKILL F3- G.SKILL F3-	12800CL7Q-16GBXH(XMP) 12800CL8D-8GBECO(XMP)	16GB (4x 4GB)								
G.SKILL F3- G.SKILL F3- G.SKILL F3- G.SKILL F3-	12800CL8D-8GBECO(XMP)		DS							
G.SKILL F3- G.SKILL F3- G.SKILL F3-		000 (0 400)		-		7-8-7-24	1.6	•	•	•
G.SKILL F3-	12800CLQD_8GRPL(YMP)	8GB (2x4GB)	DS		-	8-8-8-24	1.35	•	•	•
G.SKILL F3-		8GB (2x 4GB)	DS		-	9-9-9-24	1.5	•	•	•
	12800CL9D-8GBSR2(XMP)	8GB (2x 4GB)	DS		-	9-9-9-24	1.25	•	•	
	12800CL9Q-16GBXL(XMP)	16GB (4x 4GB)	DS		-	9-9-9-24	1.5	•	•	•
G.Skill F3-	12800CL9Q-16GBZL(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
GEIL GE	T316GB1600C9QC(XMP)	16GB (4x 4GB)	DS		-	9-9-9-28	1.6	•	•	•
GEIL G	JP34GB1600C7DC(XMP)	4GB (2x 2GB)	DS	-	-	7-7-7-24	1.6	•	•	•
GoodRam	GR1600D364L9/2G	2GB	DS	GoodRam	GF1008KC-JN			•	•	•
Hynix	HMT351U6CFR8C-PB	4GB	DS	Hynix	H5TQ2G83CFR	-	-	•	•	•
Hynix	HMT41GU6MFR8C-PB	8GB	DS	Hynix	H5TQ4G83MFR			•	•	•
KINGMAX	LGE85F-C8KL9A(XMP)	2GB	SS	KINGMAX	N/A	9-9-9-28	-	•	•	•
KINGMAX	LGF65F-C8KL9A(XMP)	4GB	DS	KINGMAX	N/A	9-9-9-28		•	•	•
	X1600C9D3K2/4GX(XMP)	4GB (2x 2GB)	DS	-			1.65	•	•	•
	X1600C9D3K3/12GX(XMP)	12GB (3x 4GB)	DS		-	9	1.65	•	•	•
	X1600C9D3K3/12GX(XMP)	12GB(3x 4GB)	DS			-	1.65	•	•	•
	X1600C9D3K3/6GX(XMP)	6GB (3x 2GB)	DS			9	1.65	•	•	•
	X1600C9D3K3/6GX(XMP)	6GB (3x 2GB)	DS	-		9	1.65	•	•	•
	X1600C9D3K3/03X(XMP)	24GB (6x 4GB)	DS			9	1.65	<u> </u>	<u> </u>	
	X1600C9D3K8/32GX(XMP)	32GB (8x 4GB)	DS			9-9-9-27	1.65	•	•	•
	X1600C9D3LK2/4GX(XMP)	4GB (2x 2GB)	DS			0-0-0-E1	1.35	•	•	
	KHX1600C9D3P1K2/8G	8GB (2x 4GB)	DS	-		9	1.5	•	•	
	600C9D3T1BK3/12GX(XMP)	12GB (3x 4GB)	DS			9	1.65	•	•	
	(1600C9D3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
	(1600C9D3X2K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9	1.65	•	•	•
Kingston	KVR16N11/4	4GB (2X 2GB)	DS	Hynix	H5TQ2G83CFRPBC		1.5	•	•	•
	KTG2G1600PG3(XMP)	2GB	DS	- riyilix	HSTQ2G65CFRFBC		1.5	•	•	<u> </u>
	MT8KTF25664AZ-1G6M1	2GB	SS	MICRON	D9PFJ	- :	-	•	•	
Mushkin	996805(XMP)	4GB (2x 2GB)	DS	MICRON	Dabel	6-8-6-24	1.65	•	•	•
Mushkin	998805(XMP)	6GB (3x 2GB)	DS		· ·	6-8-6-24	1.65	<u>:</u>	•	
	OCZ3BE1600C8LV4GK	4GB(2x 2GB)	DS	-	-	8-8-8	1.65	<u> </u>	•	•
		16GB (2x 8GB)	DS			0-0-0	1.65	•		
	GD316G1600ELK(XMP)				-				•	•
	PGD38G1600ELK(XMP)	8GB (2x 4GB)	DS	-		9-9-9-24	1.65	•	•	•
Patriot	PGS34G1600LLKA	4GB(2x 2GB)	DS	-	-	7-7-7-20	1.7	•	•	•
Patriot	PGS34G1600LLKA2	4GB (2x 2GB)	DS	-	•	8-8-8-24	1.7	•	•	•
	PVV38G1600LLK(XMP)	8GB (2x 4GB)	DS	-		8-9-8-24	1.65	•	•	•
	PX7312G1600LLK(XMP)	12GB (3x 4GB)	DS			8-9-8-24	1.65	•	•	•
SanMax	SMD-4G68HP-16KZ	4GB	DS	Hynix	H5TQ2G83BFRPBC	-	1.5	•	•	•
SanMax	SMD-4G68NG-16KK	4GB	DS	ELPIDA	J2108BDBG-GN-F		-	•	•	•
	P002GBLTU160V02(XMP)	2GB	SS	S-POWER	20YT5NG	9-11-11-28	1.5	•	•	•
	P004GBLTU160V02(XMP)	4GB	DS	S-POWER	20YT5NG	9-9-9-24	1.5	•	•	
	TED34096M1600HC11	4GB	DS	Team	T3D2568ET-16		-	•	•	•
	D31024M1600C8-D(XMP)	1GB	SS	Team	T3D1288RT-16	8-8-8-24	1.65	•	•	•
	D32048M1600C7-L(XMP)	2GB	DS	Team	T3D1288LT-16	7-7-7-24	1.65	•	•	
	032048M1600HC8-D(XMP)	2GB	DS	Team	T3D1288RT-16	8-8-8-24	1.65	•	•	•
	034096M1600HC9-D(XMP)	4GB	DS	Hynix	H5TC2G83BFRH9A	9-9-9-24	1.5	•	•	•
We sugges 2 DIMM: Supports one pair of	e inserted in any slot as Single-channel memo it that you install the module into A2 slot modules inserted into either the blue slots or it that you install the module into A282 s	for better stability. the black slots as one pair of Dual-cha	annel memory configuratio	n						

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

P8Z77-V PREMIUM Motherboard Qualified Vendors Lists (QVL) DDR3 1333MHz capability

	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	1 DIMM	I socket support (Op 2 DIMM	tional) 4 DIMM
A-DATA	AD63I1B0823EV	2GB	SS	A-DATA	3CCA-1509A	-		• I DIMIM	2 Dimivi	4 DIMM
A-DATA	AXDU1333GC2G9(XMP)	2GB	SS	-	-	9-9-9-24	1.25~1.35	•	•	•
A-DATA	AD63I1C1624EV	4GB	DS	A-DATA	3CCA-1509A		-	•	•	•
A-DATA	SU3U1333W8G9(XMP)	8GB	DS	ELPIDA	J4208BASE-DJ-F		-	•	•	•
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808FEQSBG	9	-	•	•	•
Apacer	78.B1GDE.9L10C	4GB	DS	Apacer	AM5D5908CEHSBG	9	-	•	•	•
CORSAIR	TW3X4G1333C9A	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.5	•	•	
CORSAIR	CMX8GX3M2A1333C9(XMP)	8GB (2x 4GB)	DS			9-9-9-24	1.5	•	•	•
G.SKILL	F3-10600CL9D-4GBNT	4GB (2x 2GB)	DS	G.SKILL	D3 128M8CE9 2GB	9-9-9-24	1.5	•	•	•
G.SKILL	F3-10666CL9D-8GBRL	8GB (2x 4GB)	DS		-	9-9-9-24	1.5	•	•	•
G.SKILL	F3-10666CL9D-8GBRL	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
G.SKILL	F3-10666CL9D-8GBXL	8GB (2x 4GB)	DS			9-9-9-24	1.5	•		•
GEIL	GET316GB1333C9QC	16GB (4x 4GB)	DS	-		9-9-9-24	1.5	•	•	•
GEIL GEIL	GG34GB1333C9DC GG34GB1333C9DC	4GB (2x 2GB)	DS DS	GEIL GEIL	GL1L128M88BA115FW GL1L128M88BA15B	9-9-9-24 9-9-9-24	1.3	•	•	<u> </u>
GEIL	GC34GB1333C9DC GVP34GB1333C9DC	4GB (2x 2GB) 4GB (2x 2GB)	DS	GEIL	GL IL IZOMOOBA ISB	9-9-9-24	1.5	•	<u> </u>	<u> </u>
GEIL	GB34GB1333C9DC GB34GB1333C7DC	4GB (2X 2GB) 4GB(2 x 2GB)	DS	GEIL	GL1L128M88BA15FW	7-7-7-24	1.5	•	•	- :
GEIL	GVP38GB1333C9DC	8GB (2x 4GB)	DS	GEIL	GL IL IZ8W88BA ISFW	9-9-9-24	1.5	•	•	
GEIL	GVP38GB1333C7QC	8GB (4x 2GB)	DS	- :		7-7-7-24	1.5	•	•	
Hynix	HMT125U6TFR8A-H9	2GB	DS	Hynix	H5TC1G83TFR	1-1-1-24	1.5	•	•	•
KINGMAX	FLFE85F-C8KL9	2GB	SS	KINGMAX	KFC8FNLBF-GXX-12A			•	•	-
KINGMAX	FLFE85F-C8KL9	2GB	SS	KINGMAX	KFC8FNLXF-DXX-15A		-	•	•	•
KINGMAX	FLFE85F-C8KM9	2GB	SS	Kingmax	KFC8FNMXF-BXX-15A	-		•	•	-
KINGMAX	FLFE85F-B8KL9	2GB	DS	KINGMAX	KFB8FNLXL-BNF-15A		-	•	•	•
KINGMAX	FLFF65F-C8KL9	4GB	DS	KINGMAX	KFC8FNLBF-GXX-12A	-		•	•	•
KINGMAX	FLFF65F-C8KL9	4GB	DS	KINGMAX	KFC8FNLXF-DXX-15A			•	•	•
KINGMAX	FLFF65F-C8KM9	4GB	DS	Kingmax	KFC8FNMXF-BXX-15A	-	-	•	•	•
KINGSTON	KVR1333D3S8N9/2G	2GB	SS	Micron	IFD77 D9LGK		1.5	•	•	•
KINGSTON	KVR1333D3N9/2G	2GB	DS	Kingston	D1288JPNDPLD9U	9	1.5	•	•	•
KINGSTON	KVR1333D3N9K2/4G	4GB (2x 2GB)	DS	KINGSTON	D1288JEMFPGD9U		1.5	•	•	•
KINGSTON	KVR1333D3E9S/4G	4GB	DS	Elpida	J2108ECSE-DJ-F	9	1.5	•	•	•
KINGSTON	KVR1333D3N9H/8G	8GB	DS	ELPIDA	J4208EASE-DJ-F	9-9-9-24	1.5	•	•	•
MICRON	MT8JTF25664AZ-1G4M1	2GB	SS	MICRON	D9PFJ	-	-	•	•	•
MICRON	MT16JTF1G64AZ-1G4D1	8GB	DS	MICRON	D9PCP			•	•	•
ocz	OCZ3G1333LV4GK	4GB (2x 2GB)	DS	-	-	9-9-9	1.65	•	•	
ocz	OCZ3G1333LV8GK	8GB (2x 4GB)	DS			9-9-9	1.65	•	•	•
OCZ	OCZ3G1333LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	<u> </u>	
OCZ SAMSUNG	OCZ3RPR1333C9LV8GK M378B5673FH0-CH9	8GB (2x 4GB) 2GB	DS DS	SAMSUNG	K4B1G0846F	9-9-9	1.65	•	•	•
SAMSUNG		4GB		SAMSUNG	K4B1G0846F K4B2G0846C		-	•	-:	- :
SAMSUNG	M378B5273CH0-CH9		DS DS			K4B2G0846C	- :		:	- :
ACTICA	M378B1G73AH0-CH9 ACT1GHU64B8F1333S	8GB 1GB	SS	SAMSUNG SAMSUNG	K4B4G0846A-HCH9 K4B1G0846F			•	<u> </u>	<u> </u>
ACTICA	ACT1GHU04B6F1333S ACT1GHU72C8G1333S	1GB	SS	SAMSUNG	K4B1G0846F(ECC)			•	•	- :
ACTICA	ACT2GHU64B8G1333M	2GB	DS	Micron	D9KPT			•		•
ACTICA	ACT2GHU64B8G1333M ACT2GHU64B8G1333S	2GB	DS	SAMSUNG	K4B1G0846F			•	•	
ACTICA	ACT2GHU72D8G1333M	2GB	DS	Micron	D9KPT(ECC)			•	•	
ACTICA	ACT2GHU72D8G1333S									
		2GB	DS						•	•
	ACT4GHU64B8H1333H	2GB 4GB	DS DS	SAMSUNG	K4B1G0846F(ECC) H5TQ2G83AFR			•	•	•
ACTICA ACTICA	ACT4GHU64B8H1333H	4GB	DS	SAMSUNG Hynix	K4B1G0846F(ECC) H5TQ2G83AFR				•	
ACTICA	ACT4GHU64B8H1333H ACT4GHU72D8H1333H			SAMSUNG	K4B1G0846F(ECC)	-	- - - 1.5	•	•	•
ACTICA ACTICA	ACT4GHU64B8H1333H	4GB 4GB	DS DS	SAMSUNG Hynix Hynix	K4B1G0846F(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC)		- - - 1.5 1.5	•	•	•
ACTICA ACTICA AMD	ACT4GHU64B8H1333H ACT4GHU72D8H1333H AE32G1339U1-U	4GB 4GB 2GB	DS DS SS	SAMSUNG Hynix Hynix AMD	K4B1G0846F(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC) 23EY4587MB3H			•	•	•
ACTICA ACTICA AMD AMD	ACT4GHU64B8H1333H ACT4GHU72D8H1333H AE32G1339U1-U AE34G1339U2-U	4GB 4GB 2GB 4GB 2GB 4GB	DS DS SS DS SS DS	SAMSUNG Hynix Hynix AMD AMD ASint ASint	K4B1G0846F(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC) 23EY4587MB3H 23EY4587MB3H	-	1.5	•		•
ACTICA ACTICA AMD AMD Asint	ACT4GHU64B8H1333H ACT4GHU72D8H1333H AE32G1339U1-U AE34G1339U2-U SLA302G08-EDJ1C	4GB 4GB 2GB 4GB 2GB	DS DS SS DS SS	SAMSUNG Hynix Hynix AMD AMD ASint	K4B1G0846F(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC) 23EY4587MB3H 23EY4587MB3H 302G08-DJ1C		1.5 -	•	•	•
ACTICA ACTICA AMD AMD Asint Asint ATP BUFFALO	ACT4GHU64B8H1333H ACT4GHU72D8H1333H AE32G1339U1-U AE34G1339U2-U SLA302G08-EDJ1C SLZ302G08-EDJ1C	4GB 4GB 2GB 4GB 2GB 4GB 4GB 4GB	DS DS SS DS SS DS DS	SAMSUNG Hynix Hynix AMD AMD ASint ASint	K4B1G0846F(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC) 23EY4587MB3H 23EY4587MB3H 302G08-DJ1C 302G08-DJ1C	-	1.5 - -	•	•	•
ACTICA ACTICA AMD AMD Asint Asint ATP BUFFALO BUFFALO	ACT4GHU64B8H1333H ACT4GHU72D8H1333H AC32G1339U-U AE34G1339U-U SLA302G08-EDJ1C SLZ302G08-EDJ1C AQ12M7ZEBBKH9S D3U1333-1G D3U1333-2G	4GB 4GB 2GB 4GB 2GB 4GB 4GB 1GB 2GB	DS DS SS DS SS DS SS DS SS DS DS DS	SAMSUNG Hynix Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida Elpida	K4B1G0846F(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC) 23EY4587MB3H 23EY4587MB3H 302G08-DJ1C 302G08-DJ1C K4B2G0846C(ECC) J11088FBG-DJ-F J11088FBG-DJ-F	-	1.5	•	•	•
ACTICA ACTICA AMD AMD Asint Asint ATP BUFFALO BUFFALO BUFFALO	ACT4GHUZDBH1333H ACT4GHUZDBH1333H AE32G1339U1-U AE34G1339U2-U SL SA02G08-EDJIC SL Z302G08-EDJIC SL Z302G08-EDJIC D3U1333-1G D3U1333-1G D3U1333-4G	4GB 4GB 2GB 4GB 2GB 4GB 4GB 1GB 1GB 4GB	DS DS SS DS SS DS SS DS DS DS DS DS DS D	SAMSUNG Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida	K4B1G0846F(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC) 23EY4587MB3H 23EY4587MB3H 302G08-DJ1C 302G08-DJ1C 502G08-DJ1C 502G08-GCCC J1108BFBG-DJ-F		1.5		•	•
ACTICA ACTICA AMD AMD Asint Asint ATP BUFFALO BUFFALO BUFFALO K Memory	ACT4GHUG4BBH1333H ACT4GHUZ7DBH1333H AE32G1339UL-I AE34G1339UL-U SLA902G08-EDJTC SLZ902G08-EDJTC SLZ902G08-EDJTC D3U1333-1G D3U1333-1G D3U1333-2G D3U1333-4G EKM324L28PP-H13	4GB 4CB 2CB 4CB 4CB 4CB 4CB 4CB 4CB 4CB 4CB 4CB 4	DS DS SS DS SS DS SS DS SS DS DS DS SS DS DS	SAMSUNG Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida Elpida NANYA	KABIGOBABF(ECC) H5TQ2G83AFR H5TQ2G83AFR(ECC) 23EY4587MB3H 30EY05PMB3H 30EY05PM	-	1.5		•	•
ACTICA ACTICA AMD AMD Asint Asint ATP BUFFALO BUFFALO BUFFALO EUFFALO EUFFALO EUFFALO EUFFALO EUFFALO EUFFALO EUFFALO	ACT4GHUZD8H1333H ACT4GHUZD8H1333H AE32G1339U1-U AE34G1339U2-U AE34G1339U2-U SL302G08-EDJ1C SL202G08-EDJ1C SL202G08-EDJ1C D3U1333-1G D3U1333-1G D3U1333-2G D3U1333-2G D3U1333-4G EKM324L28BP8-H3 MZF2G84G8B07N-CG	408 408 208 408 208 408 408 408 108 209 408 408(2 x 208) 208	DS DS DS SS DS DS DS DS DS DS DS SS DS D	SAMSUNG Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida Elpida NANYA	K4B1G0846F(ECC) H5TQ2G83AFR(ECC) H5TQ2G83AFR(ECC) 28EY4587MB3H 23EY4587MB3H 302G08-DJ1C 302G08-DJ1C 302G08-DJ1C H5B2G0846C(ECC) J1108BFBG-DJ-F J1108BFBG-DJ-F NT5CB256M8BN-CG M2CB2G80DN-CG		1.5		•	
ACTICA ACTICA AMD AMD ASINT ASINT ASINT ATP BUFFALO BUFFALO BUFFALO K Memory Elixir GoodRam	ACT4GHUG4BBH1333H ACT4GHUZ7DBH1333H AE32G1339U1-J AE34G1339U2-J SLA902G08-EDJTC SLA902G08-EDJTC SLA902G08-EDJTC D3U1333-1G D3U1333-1G D3U1333-4G EKMS24L2BPP-B13 MEF2G64GB86DTN-CG GR1333D84L9VG	46B 46B 26B 46B 26B 46B 46B 46B 16B 26B 46B 26B 46B 26B 46B(2 x 26B) 26B 26B	DS DS DS SS DS SS DS DS DS SS DS SS DS SS DS D	SAMSUNG Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida Elpida Elpida NANYA Elixir Qimonda	KB1G0846F(ECC) H5T02G83AFR H5T02G83AFR H5T02G83AFR(ECC) 23EY4567MB3H 302C08-DJ1C 302C08-DJ1C M2G2G80DJ1C M108BFG-DJF J1108BFG-DJF MT5C8256MBN-CG M2CB2G80DN-CG IDSHIG-03A1F1C-13H	9	1.5		•	•
ACTICA ACTICA ACTICA AMD AMD ASINT ASINT ATP BUFFALO BUFFALO BUFFALO K Memory Elixir GoodRam NNODISK	ACT4GHUG4BBH1333H ACT4GHU72DBH1333H AE32G1339U1-U AE34G1339U2-U SLSA92GG8-EDJ1C SLZ302G08-EDJ1C SLZ302G08-EDJ1	408 408 208 408 208 408 408 408 108 208 408 408 408 208 408 208 208 208 208 208 208	DS DS DS SS DS SS DS DS DS DS SS DS DS D	SAMSUNG Hyrnix Hyrnix AMD AMD ASint ASint SAMSUNG Elpida Elpida Elpida NANYA - Elixir Glimonda Hyrnix	KBB1G0846F(ECC) H5T02G834FR H5T02G834FR(ECC) 23EY4587MB3H 23EY4587MB3H 302C69-DJ1C KBB2G0846C(ECC) J11088FBC-DJF J11088FBG-DJF NT5CB256M8BN-CG M2CB2G80DN-CG IDSH1G-G3A1F1C-13H H5T02C83CFRH9C	- - - - - - - 9 - - - - - - - -	1.5		•	•
ACTICA ACTICA ACTICA AMD AMD ASINT ASINT ATP BUFFALO BUFFALO BUFFALO IK Memory Elixir GoodRam NNODISK NNODISK	AC14GHUZDBH1333H AC14GHUZDBH1333H AC32G1339U1-U AE34C1339U2-U SLSA02G08-EDJ1C SLZ302G08-EDJ1C SLZ302G08-EDJ1C SLZ302G08-EDJ1C D3U1333-1G D3U1333-1G D3U1333-4G EKM324L28BP3-H3 MZ2GA64C8BD7N-CG GR1333D364L9/2G M3UN-2GHJBC09	46B 46B 26B 46B 26B 46B 46B 16B 26B 46B 46B 26B 46B 26B 26B 26B 26B 26B 26B 26B 26B 26B	DS DS SS DS SS DS SS DS DS DS SS DS SS DS SS DS D	SAMSUNG Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida NANYA Elixir Girmonda Hynix Hynix	KBB1G0846F(ECC) HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR S2644567M83H 302C08-DJ1C S02C08-DJ1C S02C08-DJ1C S02C08-DJ1C J11088F8C-DJF J11088F8C-DJF NTSCB2S6M8N-CG IDSH1G-033AFT-C-13H HST02C83SCFRH9C	9	1.5		•	•
ACTICA ACTICA ACTICA AMD AMD ASINT A	ACT4GHUG4BBH1333H ACT4GHUZ7DBH1333H AE32G1339U1-U AE34G1339U2-U SLSA022G08-EDJTC SLZ3022G08-EDJTC SLZ3022G08-EDJTC SLZ3022G08-EDJTC SLZ3022G08-EDJTC SLZ3022G08-EDJTC SLZ3022G08-EDJTC SLZ302G08-EDJTC SLZ302G	40B 40B 20B 40B 20B 40B 20B 40B 40B 10B 20B 40B 20B 40B 20B 40B 20B 40B 20B 20B 20B 20B 20B 20B 20B 20B 20B 2	DS DS DS SS DS DS DS DS DS DS DS DS DS D	SAMSUNG Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida NANYA Elixir Girmonda Hynix Hynix	KBB1G0846F(ECC) H5T02G834FR H5T02G834FR(ECC) 23EY4587MB3H 23EY4587MB3H 302C69-DJ1C KBB2G0846C(ECC) J11088FBC-DJF J11088FBG-DJF NT5CB256M8BN-CG M2CB2G80DN-CG IDSH1G-G3A1F1C-13H H5T02C83CFRH9C	- - - - - - - 9 - - - - - - - -	1.5		•	•
ACTICA ACTICA AMD AMD ASINT ASINT ASINT ASINT ATP BUFFALO BUFFALO BUFFALO BUFFALO ELIXIR GOODRAM NNODISK NNODISK SINGTIGER SINGTIGER	ACT4GHUZD8H1333H ACT4GHUZD8H1333H AE32G1359U1-U AE34G1339U2-U SLSA02G08-EDJ1C SLZ302G08-EDJ1C SLZ302G08-EDJ1C SLZ302G08-EDJ1C D3U1333-1G D3U1333-1G D3U1333-1G D3U1333-1G D3U1333-1G GRM324U28BP9-H3 MFZG64G8B07N-CG GR1333D36419/2G M3UN-2GHJBC009 M3UN-4GHJAC09 F10DAZT1680 KT02G133SPG3	408 408 208 408 208 408 208 408 408 108 208 408 208 408 208 408 408(2 x 208) 208 208 208 208 208 208 208 208 208 208	DS DS DS SS DS SS DS DS DS DS DS DS DS D	SAMSUNG Hynix Hynix Hynix AMD ASint ASint SAMSUNG Elpida Elpida Elpida VANYA Climonda Hynix Hynix KINGTIGER	KB1G0846F(ECC) HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR S02G85-DJF S02G85-DJF S02G85-DJF J1108BF8G-DJF J1108BF8G-DJF J1108BF8G-DJF HST02G83GFRH9C KTG1333FS12G8NST-C9 KTG1333FS12G8NST-C9	9 - - - 99-9-24 9-9-9-24	1.5			
ACTICA ACTICA AMD AMD ASINT AS	ACT4GHUG4BBH1333H ACT4GHUZ7DBH1333H AE32G1339U1-J AE34G1339U2-J SLA922G08-EDJTC SL2002G08-EDJTC SL2002G08-EDJT	46B 46B 26B 46B 26B 46B 26B 46B 16B 26B 46B 26B 46B 20B 46B 20B 46B(2 x 26B) 20B	DS DS DS SS DS DS DS SS DS DS DS DS DS D	SAMSUNG Hynix Hynix AMD AMD ASint ASint SAMSUNG Elpida NANYA Elixir Girmonda Hynix Hynix	KBB1G0846F(ECC) HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR S2644567M83H 302C08-DJ1C S02C08-DJ1C S02C08-DJ1C S02C08-DJ1C J11088F8C-DJF J11088F8C-DJF NTSCB2S6M8N-CG IDSH1G-033AFT-C-13H HST02C83SCFRH9C	- - - - - - - 9 - - - - - - - -	1.5		•	
ACTICA ACTICA AMD AMD ASINT AS	ACT4GHUZD8H1333H ACT4GHUZD8H1333H AE32G1339U1-U AE34G1339U2-U AE34G1339U2-U SLA02G08-EDJ1C SL202G08-EDJ1C SL202	408 408 208 408 408 208 408 408 408 108 209 408 208 408 208 208 208 208 208 208 208 208 208 2	DS DS DS DS SS DS DS DS DS DS DS DS DS D	SAMSUNG Hynix Hynix Hynix AMD ASint ASint SAMSUNG Elpida Elpida Elpida VANYA Climonda Hynix Hynix KINGTIGER	KB1G0846F(ECC) HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR S02G85-DJF S02G85-DJF S02G85-DJF J1108BF8G-DJF J1108BF8G-DJF J1108BF8G-DJF HST02G83GFRH9C KTG1333FS12G8NST-C9 KTG1333FS12G8NST-C9	9 - - 99-9-24 9-9-9-24	1.5			
ACTICA ACTICA AMD AMD ASINT AS	ACT4GHUG4BBH1333H ACT4GHUZ7DBH1333H AE32G1339UL-I AE34G1339UL-I SLA932G08-EDJTC SLZ902G08-EDJTC SLZ902G08-EDJT	46B 46B 26B 46B 26B 46B 46B 46B 16B 26B 46B 26B 46B 26B 46B 26B 46B 26B 46B 26B 26B 26B 26B 26B 26B 26B 26B 26B 2	DS DS DS SS DS DS DS SS DS DS DS DS DS D	SAMSUNG Hynix Hynix AMD AMD ASint SAMSUNG Elpida Elpida NANYA Elixir Olimonda Hynix KINGTIGER Mach Xtreme	KB1G0846F(ECC) H5T02C83AFR H5T02C83AFR(ECC) 23EY4567MB3H 23EY4567MB3H 302C08-DJ1C 302C08-DJ1C MCB2C68-DJ1C MC	9 - - - 9 9-9-24 9-9-24	1.5			
ACTICA ACTICA AMD AMD ASINT AS	ACT4GHUZD8H1333H ACT4GHUZD8H1333H AE32G1339U1-U AE34G1339U2-U AE34G1339U2-U SLA02G08-EDJ1C SL202G08-EDJ1C SL202	408 408 208 408 408 208 408 408 408 108 209 408 208 408 208 208 208 208 208 208 208 208 208 2	DS DS DS DS SS DS DS DS DS DS DS DS DS D	SAMSUNG Hynix Hynix Hynix AMD ASint ASint SAMSUNG Elpida Elpida Elpida VANYA Climonda Hynix Hynix KINGTIGER	KB1G0846F(ECC) HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR HST02G83AFR S02G85-DJF S02G85-DJF S02G85-DJF J1108BF8G-DJF J1108BF8G-DJF J1108BF8G-DJF HST02G83GFRH9C KTG1333FS12G8NST-C9 KTG1333FS12G8NST-C9	9 - - 99-9-24 9-9-9-24	1.5			

RIDATA	C304627CB1AG22Fe	2GB	DS	RIDATA	C304627CB1AG22Fe	9	-	•	•	•
RIDATA	E304459CB1AG32Cf	4GB	DS	RIDATA	E304459CB1AG32Cf	9	-	•	•	•
Silicon Power	SP001GBLTE133S01	1GB	SS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•
Silicon Power	SP001GBLTU133S02	1GB	SS	S-POWER	10YT3E5	9	-	•	•	•
Silicon Power	SP002GBLTU133V02	2GB	SS	S-POWER	20YT3NG	9-9-9-24	-	•	•	
Silicon Power	SP002GBLTE133S01	2GB	DS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•
Silicon Power	SP004GBLTU133V02	4GB	DS	S-POWER	20YT3NG	9-9-9-24	-	•	•	•
Team	TXD31024M1333C7(XMP)	1GB	SS	Team	T3D1288LT-13	7-7-7-21	1.75	•	•	•
Team	TXD31048M1333C7-D(XMP)	1GB	SS	Team	T3D1288LT-13	7-7-7-21	1.75	•	•	•
Team	TXD32048M1333C7-D(XMP)	2GB	DS	Team	T3D1288LT-13	7-7-7-21	1.5-1.6	•	•	•
Team	TED34096M1333HC9	4GB	DS	Team	T3D2568LT-13	-	-	•	•	

4 DBM.:

1 DBM.:

1 DBM.:

1 DBM.:

Supports one module inserted in any slot as Single-channel memory configuration

We suggest that you install the module into A2 slot for better stability.

2 DBM.:

2 DBM.:

3 DBM.:

4 DBM.:

4 DBM.:

5 Supports one pair of modules inverted into either the blue slot or the black slots as one pair of Daal-channel memory configuration

4 DBM.:

5 Supports 4 modules inverted into both the blue and black slots as two pairs of Daal-channel memory configuration

-When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

-It is recommended to install the memory modules from the slots for better overclocking capability.

-The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.