

ROG STRIX X370-I&B350-I GAMING

DDR4 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Voltage(V)	Run@Speed	I socket support (Opti	
								1 DIMM	2 DIMM
SAMSUNG	M378A5143DB0--CPB	4GB	SS	Samsung	15-15-15-36	1.2	DDR4-2133	●	●
SAMSUNG	M378A1G43DB0--CPB	8GB	DS	SEC 428 BCPB	15-15-15-36	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15Q-32GRK	4*8GB	DS	Samsung	15-15-15-35	1.2	DDR4-2133	●	●
GLOWAY	PC4-17000	4GB	SS	N/A	15-15-15-35	1.2	DDR4-2133	●	●
KINGSTON	HX421C13PBK4/16	4*4GB	SS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
PANRAM	PUD42133C138G4NJW	4*8GB	DS	N/A	13-13-13-35	1.2	DDR4-2133	●	●
PANRAM	PUD42133C134G4NJW	4*4GB	SS	N/A	13-13-13-35	1.2	DDR4-2133	●	●
CORSAIR	CMK16GX4M4A2133C15(Ver4.23)	4*4GB	SS	N/A	15-15-15-36	1.2	DDR4-2133	●	●
CRUCIAL	MTA8ATF51264AZ-2G1A1	4GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
CORSAIR	CMV4GX4M1A2133C15	4GB	SS	N/A	15-15-15-36	1.2	DDR4-2133	●	●
KINGSTON	HX421C14FB/8	8GB	DS	Hynix	14-14-14-35	1.2	DDR4-2133	●	●
APACER	78.C1GM3.AF10B	8GB	DS	Hynix	16-16-16-36	1.2	DDR4-2133	●	●
KINGSTON	HX421C13SBK4/16	4*4GB	SS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
KINGSTON	KVR21N15D8/8	8GB	DS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
GALAXY	GAM4DBLBM2133D15IE041C	4GB	DS	N/A	15-15-15-36	1.2	DDR4-2133	●	●
GALAXY	GAM4DBLBM2133I5IE081C	8GB	DS	N/A	15-15-15-35	1.2	DDR4-2133	●	●
AVEXIR	AVD4U21331508G-1C0B	8GB	DS	N/A	15-15-15-35	1.2	DDR4-2133	●	●
CORSAIR	CMK16GX4M4A2133C13 (Ver5.29)	4*4GB	SS	N/A	13-15-15-28	1.2	DDR4-2133	●	●
GEIL	GPR48GB2133C15DC	2*4GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
KINGSTON	HX421C14FBK4/32	4*8GB	DS	Hynix	14-14-14-35	1.2	DDR4-2133	●	●
TEKISM	T4U2133B8G15-SAD	8GB	DS	SEC 446 BCPB	15-15-15-36	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15Q-16GRB	4*4GB	SS	Samsung	15-15-15-35	1.2	DDR4-2133	●	●
CENTURY	PC4-17000	8GB	DS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
ADATA	AX4U2133W4G15-QRZ	4*4GB	SS	N/A	15-15-15-36	1.2	DDR4-2133	●	●
TEAM	TED48GM2133C15BK	8GB	DS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
ADATA	AD4U2133W8G15-B	16*8GB	DS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
CRUCIAL	CT8G4DFD8213.16FA11	4*8GB	DS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
KINGSTON	KVR21E15S8/4	4GB	SS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15S-4GNT	4GB	SS	Hynix	15-15-15-35	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15S-8GNT	8GB	DS	Hynix	15-15-15-35	1.2	DDR4-2133	●	●
TEAM	TPAD44G2133HC15BK	4GB	SS	Samsung	15-15-15-36	1.2	DDR4-2133	●	●
APACER	AHU08GGB13CGT7G	8GB	DS	Hynix	16-16-16-36	1.2	DDR4-2133	●	●
PATRIOT	PSD48G21332	8GB	DS	PAIROT	15-15-15-36	1.2	DDR4-2133	●	●
SAMSUNG	M378A1K43BB1-CPB	8GB	SS	Samsung	15-15-15-36	1.2	DDR4-2133	●	●
KINGSTON	HX421C14FB2/8	8GB	SS	Micron	14-14-14-35	1.2	DDR4-2133	●	●

KINGSTON	HX421C14FBK2/8	2*4GB	SS	Micron	14-14-14-35	1.2	DDR4-2133	●	●
KINGSTON	HX421C14FB/4	4GB	SS	Hynix	14-14-14-35	1.2	DDR4-2133	●	●
V-COLOR	TC48G21S818-IMS	4*8GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
TEAM	TED416G2133C15BK	16GB	DS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
TIGO	TMKU8GF58-2133P	8GB	DS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
SAMSUNG	M378A5143EB1-CPB	4GB	SS	Samsung	15-15-15-36	1.2	DDR4-2133	●	●
SAMSUNG	M378A5143EB1-CPB	4GB	SS	Samsung	15-15-15-36	1.2	DDR4-2133	●	●
TEAM	TED48G2133C15BK	8GB	SS	SpecTek	15-15-15-36	1.2	DDR4-2133	●	●
ANUCCELL	GRPIF1621033818594	8GB	DS	ANUCCELL	16-16-16-35	1.2	DDR4-2133	●	●
TIGO	TMKU8G868-2133P	8GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	
Xiede	1.2V-PC4-17000-1620	8GB	DS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
V-COLOR	TC48G21S815	8GB	SS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
V-COLOR	TC48G21S815-iMS	8GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
SAMSUNG	M378A2K43BB1CPB	16GB	DS	SEC510	15-15-15-36	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15Q2-64GRR	8*8GB	SS	Hynix	15-15-15-35	1.2	DDR4-2133	●	●
CRUCIAL	CT16G4DFD8213.C16FAD1	16GB	DS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
CRUCIAL	CT8G4DFD8213.C16FDR2	8GB	DS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
CRUCIAL	CT4G4DFS8213.C8FBD2	4GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
GEIL	GFY48GB2133C15DC	4GB	SS	N/A	15-15-15-36	1.2	DDR4-2133	●	
Klevv	IM48GU88N21-FFFHMB	8GB	SS	Hynix	15-15-15-35	1.2	DDR4-2133	●	●
Klevv	IM44GU48N21-FFFHAB	4GB	SS	Hynix	15-15-15-35	1.2	DDR4-2133	●	●
Klevv	IM4AGU88N21-FFFHMB	16GB	DS	Hynix	15-15-15-35	1.2	DDR4-2133	●	●
GEIL	GPR432GB2133C15QC	8GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
SK HYNIX	HMA451U6AFR8N-TF	4*4GB	SS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
GLOWAY	STK4U2133D15041C/ PC4-17000	4GB	SS	N/A	15-15-15-35	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15Q-64GFX	4*16GB	DS	N/A	15-15-15-36	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15Q-32GFX	4*8GB	SS	N/A	15-15-15-36	1.2	DDR4-2133	●	●
G.SKILL	F4-2133C15S-8GDB	8GB	SS	Hynix	15-15-15-35	1.2	DDR4-2133	●	
AVANT	AVW6451U67J5213N3-SAEP	4GB	SS	SEC 549	15--15-15-36	1.2	DDR4-2133	●	●
AVANT	AVW641GU67J5213N2-SAEP	8GB	DS	SEC 549	15--15-15-36	1.2	DDR4-2133	●	●
AVANT	AVW642GU42J5213N2-SAEP	16GB	DS	SEC 549	15--15-15-36	1.2	DDR4-2133	●	●
CRUCIAL	CT16G4DFD8213.C16FH1	16GB	DS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
ADATA	AD4U213338G15-B	8*8GB	SS	SpecTek	15-15-15-36	1.2	DDR4-2133	●	●
ADATA	AD4U2133W4G15-BP	8*4GB	SS	SpecTek	15-15-15-36	1.2	DDR4-2133	●	●
Ramsta	R2DD4N04G2133	4GB	SS	Micron	15-15-15-35	1.2	DDR4-2133		●
Ramsta	R2DD4N08G2133	8GB	SS	Micron	15-15-15-36	1.2	DDR4-2133	●	●
APACER	AU16GGB13CDYBGC	16GB	DS	APACER	15-15-15-36	1.2	DDR4-2133	●	●
silicon power	SP004GBLFU213N02	4GB	SS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
TEKISM	T4U2133B8G15-HYM	2* 8GB	DS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●
TIGO	TMKU4G456-2133P	4GB	SS	Hynix	15-15-15-36	1.2	DDR4-2133	●	●

HYUNDAI	HYE16G21C15	16GB	SS	Hynix	15-15-15-35	1.2	DDR4-2133	●
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DIMM Slots

- **1 DIMM:** Supports one module inserted in any slot as Single-channel memory configuration
- **2 DIMM:** Supports one pair of modules inserted into either the [Gray](#) slots or the [Black](#) slots as one pair of Dual-channel memory configuration
- **4 DIMM:** Supports 4 modules inserted into both the [Gray](#) 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.