

### Intel Core X-Series processor (4-core)

#### DDR4 4133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-4133C19Q-32GTZ	32GB(8GB*4)	SS			19-21-21-41	1.35V		●
<b>G.SKILL</b>	F4-4133C19Q-32GTZSW	32GB(8GB*4)	SS			19-21-21-41	1.35V		●
<b>G.SKILL</b>	F4-4133C19Q-32GTZKW	32GB(8GB*4)	SS			19-21-21-41	1.35V		●
<b>CORSAIR</b>	CMK32GX4M4B4133C19R ver4.31	32GB(8GB*4)	SS			19-23-23-45	1.35V		●

#### DDR4 4000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-4000C18Q-16GTZ	16GB(4GB*4)	SS			18-22-22-40	1.35V	●	●
<b>G.SKILL</b>	F4-4000C18Q-32GTZ	32GB(8GB*4)	SS			18-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-4000C18Q-32GTZSW	32GB(8GB*4)	SS			18-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-4000C18Q-32GTZKW	32GB(8GB*4)	SS			18-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B4000C19 ver4.31	32GB(8GB*4)	SS			19-23-23-45	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B4000C19R ver4.31	32GB(8GB*4)	SS			19-23-23-45	1.35V	●	●

#### DDR4 3866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>TEAM GROUP</b>	TCD44G3866C18ABK	16GB(4GB*4)	SS			18-20-20-39	1.35V	●	●
<b>G.SKILL</b>	F4-3866C19D-8GTZ	8GB(4GB*2)	SS			18-22-22-40	1.35V	●	
<b>G.SKILL</b>	F4-3866C19Q-16GTZ	16GB(4GB*4)	SS			18-22-22-40	1.35V	●	●
<b>G.SKILL</b>	F4-3866C18Q-32GTZ	32GB(8GB*4)	SS			18-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-3866C18Q-32GTZSW	32GB(8GB*4)	SS			18-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-3866C18Q-32GTZKW	32GB(8GB*4)	SS			18-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMK8GX4M2B3866C18 ver4.24	8GB(4GB*2)	SS			18-22-22-40	1.35V	●	
<b>CORSAIR</b>	CMD8GX4M2B3866C18 ver4.24	8GB(4GB*2)	SS			18-22-22-40	1.35V	●	
<b>CORSAIR</b>	CMK16GX4M4B3866C18 ver4.24	16GB(4GB*4)	SS			18-22-22-40	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B3866C18 ver4.31	32GB(8GB*4)	SS			18-22-22-40	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3866C18 ver4.31	32GB(8GB*4)	SS			18-22-22-40	1.35V	●	●

**DDR4 3733 Qualified Vendors List (QVL)**

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-3733C17D-8GRK	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
<b>G.SKILL</b>	F4-3733C17D-8GTZ	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
<b>G.SKILL</b>	F4-3733C17D-8GVK	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
<b>G.SKILL</b>	F4-3733C17D-16GTZ	16GB(8GB*2)	SS			17-19-19-39	1.35V	●	
<b>G.SKILL</b>	F4-3733C17Q-16GRK	16GB(4GB*4)	SS			17-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-3733C17Q-16GTZ	16GB(4GB*4)	SS			17-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-3733C17Q-16GVK	16GB(4GB*4)	SS			17-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-3733C17D-16GTZ	16GB(8GB*2)	SS			17-19-19-39	1.35V	●	
<b>G.SKILL</b>	F4-3733C17D-16GTZA	16GB(8GB*2)	SS			17-17-17-37	1.35V	●	
<b>G.SKILL</b>	F4-3733C17Q-32GTZ	32GB(8GB*4)	SS			18-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3733C17Q-32GTZSW	32GB(8GB*4)	SS			18-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3733C17Q-32GTZKW	32GB(8GB*4)	SS			18-18-18-38	1.35V	●	●
<b>CORSAIR</b>	CMD8GX4M2B3733C17 ver4.24	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMK8GX4M2B3733C17 ver4.24	8GB(4GB*2)	SS			17-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMD16GX4M2B3733C17 ver4.31	16GB(8GB*2)	SS			17-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMK16GX4M2B3733C17 ver4.31	16GB(8GB*2)	SS			17-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMK16GX4M4B3733C17 ver4.24	16GB(4GB*4)	SS			17-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B3733C17 ver4.31	32GB(8GB*4)	SS			17-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3733C17 ver4.31	32GB(8GB*4)	SS			17-19-19-39	1.35V	●	●
<b>APACER</b>	AHU08GGB37CEU5H(EK.16GA6.GF BK2)	16GB(8GB*2)	SS			17-19-19-39	1.35V	●	

**DDR4 3600 Qualified Vendors List (QVL)**

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-3600C17D-8GRK	8GB(4GB*2)	SS			17-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3600C17D-8GTZ	8GB(4GB*2)	SS			17-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3600C17D-8GVK	8GB(4GB*2)	SS			17-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3600C17D-16GVK	16GB(8GB*2)	SS			17-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3600C17D-16GTZ	16GB(8GB*2)	SS			17-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3600C16D-16GVK	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3600C16D-16GTZ	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3600C15D-16GTZ	16GB(8GB*2)	SS			15-15-15-35	1.35V	●	

<b>G.SKILL</b>	F4-3600C17Q-16GVK	16GB(4GB*4)	SS	17-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-16GRK	16GB(4GB*4)	SS	17-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-16GTZ	16GB(4GB*4)	SS	17-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-32GVK	32GB(8GB*4)	SS	17-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-32GTZ	32GB(8GB*4)	SS	17-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-32GTZA	32GB(8GB*4)	SS	17-17-17-37	1.35V	●	●
<b>G.SKILL</b>	F4-3600C16Q-32GTZB	32GB(8GB*4)	SS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C16Q-32GTZSWB	32GB(8GB*4)	SS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C16Q-32GTZBKW	32GB(8GB*4)	SS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-64GTZ	64GB(16GB*4)	DS	17-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-64GTZSWB	64GB(16GB*4)	DS	17-19-19-39	1.35V	●	●
<b>G.SKILL</b>	F4-3600C17Q-64GTZKWB	64GB(16GB*4)	DS	17-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMD8GX4M2B3600C18 ver4.24	8GB(4GB*2)	SS	18-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMK8GX4M2B3600C18 ver4.24	8GB(4GB*2)	SS	18-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMD16GX4M2B3600C18 ver4.31	16GB(8GB*2)	SS	18-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMK16GX4M2B3600C18 ver4.31	16GB(8GB*2)	SS	18-19-19-39	1.35V	●	
<b>CORSAIR</b>	CMD16GX4M4B3600C18 ver4.24	16GB(4GB*4)	SS	18-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M4B3600C18 ver4.24	16GB(4GB*4)	SS	18-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B3600C16 ver4.31	32GB(8GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3600C16 ver4.31	32GB(8GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B3600C18 ver4.31	32GB(8GB*4)	SS	18-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3600C18 ver4.31	32GB(8GB*4)	SS	18-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMD64GX4M4B3600C18 ver4.31	64GB(16GB*4)	DS	18-19-19-39	1.35V	●	●
<b>CORSAIR</b>	CMK64GX4M4B3600C18 ver4.31	64GB(16GB*4)	DS	18-19-19-39	1.35V	●	●
<b>APACER</b>	AHU08GGB36CJU5H(EK.16GA4.GG BK2)	16GB(8GB*2)	SS	18-18-18-42	1.35V	●	

#### DDR4 3466 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-3466C16D-8GRK	8GB(4GB*2)	SS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3466C16D-8GTZ	8GB(4GB*2)	SS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3466C16D-8GVK	8GB(4GB*2)	SS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3466C16Q-16GRK	16GB(4GB*4)	SS			16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16D-16GVR	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16D-16GVK	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	●

<b>G.SKILL</b>	F4-3466C16D-16GTZ	16GB(8GB*2)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16D-16GTZKW	16GB(8GB*2)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16D-16GTZSW	16GB(8GB*2)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16D-16GTZSK	16GB(8GB*2)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16Q-16GVK	16GB(4GB*4)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16Q-32GVR	32GB(8GB*4)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16Q-32GVK	32GB(8GB*4)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16Q-32GTZ	32GB(8GB*4)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3466C16Q-32GTZSW	32GB(8GB*4)	SS		16-18-18-38	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M2B3466C16 ver4.31	16GB(8GB*2)	SS		16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMD16GX4M4B3466C16 ver4.24	16GB(4GB*4)	SS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M4B3466C16 ver4.24	16GB(4GB*4)	SS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B3466C16 ver4.31	32GB(8GB*4)	SS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMU32GX4M4B3466C16 ver4.24	32GB(8GB*4)	DS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M2B3466C16 ver4.31	32GB(16GB*2)	DS		16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMK32GX4M4B3466C16 ver4.31	32GB(8GB*4)	SS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD64GX4M4B3466C16 ver4.31	64GB(16GB*4)	DS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK64GX4M4B3466C16 ver4.31	64GB(16GB*4)	DS		16-18-18-36	1.35V	●	●
<b>APACER</b>	AHU08GGB34CJU5H(EK.16GA3.GG BK2)	16GB(8GB*2)	SS		18-18-18-42	1.35V	●	
<b>APACER</b>	AHU08GGB34CJU6H(EK.16GA3.GG AK2)	16GB(8GB*2)	SS		18-18-18-42	1.35V	●	

#### DDR4 3400 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-3400C16D-16GRK	16GB(8GB*2)	DS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3400C16D-16GTZ	16GB(8GB*2)	DS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3400C16D-16GVK	16GB(8GB*2)	DS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3400C16D-32GRK	32GB(16GB*2)	DS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3400C16D-32GVR	32GB(16GB*2)	DS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3400C16D-32GVK	32GB(16GB*2)	DS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3400C16D-32GTZ	32GB(16GB*2)	DS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3400C16D-32GVK	32GB(16GB*2)	DS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3400C16Q-16GRBD	16GB(4GB*4)	SS			16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-16GRKD	16GB(4GB*4)	SS			16-16-16-36	1.35V	●	●

<b>G.SKILL</b>	F4-3400C16Q-16GRBD	16GB(4GB*4)	SS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-32GRK	32GB(8GB*4)	DS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-32GVK	32GB(8GB*4)	DS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-32GTZ	32GB(8GB*4)	DS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-32GTZSW	32GB(8GB*4)	DS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-32GVK	32GB(8GB*4)	DS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-64GRK	64GB(16GB*4)	DS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-64GVR	64GB(16GB*4)	DS		16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-64GVK	64GB(16GB*4)	DS		16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-64GTZ	64GB(16GB*4)	DS		16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3400C16Q-64GVK	64GB(16GB*4)	DS		16-18-18-38	1.35V	●	●
<b>CORSAIR</b>	CMD16GX4M4B3400C16 ver. 5.29	16GB(4GB*4)	SS		16-18-18-40	1.35V	●	
<b>CORSAIR</b>	CMK16GX4M4B3400C16 ver. 4.23	16GB(4GB*4)	SS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M2B3400C16 ver. 4.23	16GB(8GB*2)	DS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3400C16 ver. 4.23	32GB(8GB*4)	DS		16-18-18-36	1.35V	●	●

#### DDR4 3333 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-3333C16Q-16GRKD	16GB(4GB*4)	SS			16-18-18-36	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16D-16GVR	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-16GVK	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-16GTZ	16GB(8GB*2)	SS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-16GTZB	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-16GTZKW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-16GTZSW	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-16GTZSK	16GB(8GB*2)	SS			16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16Q-32GVR	32GB(8GB*4)	SS			16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-32GVK	32GB(8GB*4)	SS			16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-32GTZ	32GB(8GB*4)	SS			16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-32GTZB	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-32GTZSW	32GB(8GB*4)	SS			16-18-18-38	1.35V	●	●

<b>G.SKILL</b>	F4-3333C16D-32GVR	32GB(16GB*2)	DS		16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-32GVK	32GB(16GB*2)	DS		16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-32GTZ	32GB(16GB*2)	DS		16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-32GTZB	32GB(16GB*2)	DS		16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-32GTZKW	32GB(16GB*2)	DS		16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-32GTZSW	32GB(16GB*2)	DS		16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16D-32GTZSK	32GB(16GB*2)	DS		16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3333C16Q-64GVR	64GB(16GB*4)	DS		16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-64GVK	64GB(16GB*4)	DS		16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-64GTZ	64GB(16GB*4)	DS		16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-64GTZB	64GB(16GB*4)	DS		16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3333C16Q-64GTZSW	64GB(16GB*4)	DS		16-18-18-38	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M2B3333C16 ver4.31	16GB(8GB*2)	SS		16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMK16GX4M2B3333C16 ver4.24	16GB(8GB*2)	DS		16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMD16GX4M4B3333C16 ver4.24	16GB(4GB*4)	SS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M4B3333C16 ver4.24	16GB(4GB*4)	SS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B3333C16 ver4.24	32GB(8GB*4)	DS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3333C16 ver4.24	32GB(8GB*4)	DS		16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK64GX4M4B3333C16 ver4.31	64GB(16GB*4)	DS		16-18-18-36	1.35V	●	●
<b>A-DATA</b>	AX4U3333W4G16	16GB(4GB*4)	SS		16-16-16-36	1.35V	●	
<b>KINGSTON</b>	HX433C16PB3K2/16	16GB(8GB*2)	SS		16-18-18-36	1.35V	●	

#### DDR4 3300 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-3300C16Q-16GRK	16GB(4GB*4)	SS	Samsung	K4A4G085W D	16-18-18-36	1.35V	●	●
<b>G.SKILL</b>	F4-3300C16Q-16GRKD	16GB(4GB*4)	SS	Samsung	K4A4G085W D	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD16GX4M4B3300C16	16GB(4GB*4)	SS	Samsung	K4A4G085W D	16-18-18-36	1.35V	●	●

#### DDR4 3200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (	
								2 DIMM	4 DIMM
<b>G.SKILL</b>	F4-3200C16D-8GRK	8GB(4GB*2)	SS			16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-8GTZ	8GB(4GB*2)	SS			16-16-16-36	1.35V	●	

<b>G.SKILL</b>	F4-3200C16D-8GVK	8GB(4GB*2)	SS	16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3200C16Q-16GRR	16GB(4GB*4)	SS	16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-16GRB	16GB(4GB*4)	SS	16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-16GRKD	16GB(4GB*4)	SS	16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-16GTZ	16GB(4GB*4)	SS	16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-16GVK	16GB(4GB*4)	SS	16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16D-16GRK	16GB(8GB*2)	DS	16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZ	16GB(8GB*2)	DS	16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GVR	16GB(8GB*2)	DS	16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GVK	16GB(8GB*2)	DS	16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GVS	16GB(8GB*2)	DS	16-16-16-36	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GVKB	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GVGB	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZLG	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZLO	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZB	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZKW	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZKY	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-6GTZKO	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZSW	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C16D-16GTZSK	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-16GVR	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-16GVK	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-16GTZ	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-16GTZKW	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-16GTZKY	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-6GTZKO	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-16GTZSW	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C15D-16GTZSK	16GB(8GB*2)	SS	15-15-15-35	1.35V	●	
<b>G.SKILL</b>	F4-3200C14D-16GVR	16GB(8GB*2)	SS	14-14-14-34	1.35V	●	
<b>G.SKILL</b>	F4-3200C14D-16GVK	16GB(8GB*2)	SS	14-14-14-34	1.35V	●	
<b>G.SKILL</b>	F4-3200C14D-16GTZ	16GB(8GB*2)	SS	14-14-14-34	1.35V	●	
<b>G.SKILL</b>	F4-3200C14D-16GTZKW	16GB(8GB*2)	SS	14-14-14-34	1.35V	●	
<b>G.SKILL</b>	F4-3200C14D-16GTZKY	16GB(8GB*2)	SS	14-14-14-34	1.35V	●	
<b>G.SKILL</b>	F4-3200C14D-6GTZKO	16GB(8GB*2)	SS	14-14-14-34	1.35V	●	
<b>G.SKILL</b>	F4-3200C14D-16GTZSW	16GB(8GB*2)	SS	14-14-14-34	1.35V	●	

<b>G.SKILL</b>	F4-3200C14D-16GTZSK	16GB(8GB*2)	SS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GRK	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GTZ	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GVK	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GVR	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GRK	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GTZA	32GB(16GB*2)	DS	16-16-16-36	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GVK	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GVKA	32GB(16GB*2)	DS	16-16-16-36	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GTZ	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GTZKW	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GTZKY	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GTZKO	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GTZSW	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GTZSK	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GTZ	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GTZKW	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GTZKY	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GTZKO	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GTZSW	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C15D-32GTZSK	32GB(16GB*2)	DS	15-15-15-35	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GVR	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GVK	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GTZ	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GTZKW	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GTZKY	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GTZKO	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GTZSW	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C14D-32GTZSK	32GB(16GB*2)	DS	14-14-14-34	1.35V	●
<b>G.SKILL</b>	F4-3200C16D-32GVK	32GB(16GB*2)	DS	16-18-18-38	1.35V	●
<b>G.SKILL</b>	F4-3200C16Q-32GRK	32GB(8GB*4)	DS	16-16-16-36	1.35V	● ●
<b>G.SKILL</b>	F4-3200C16Q-32GVK	32GB(8GB*4)	DS	16-16-16-36	1.35V	● ●
<b>G.SKILL</b>	F4-3200C16Q-32GVKB	32GB(8GB*4)	SS	16-18-18-38	1.35V	● ●
<b>G.SKILL</b>	F4-3200C16Q-32GTZB	32GB(8GB*4)	SS	16-18-18-38	1.35V	● ●
<b>G.SKILL</b>	F4-3200C16Q-32GTZKW	32GB(8GB*4)	SS	16-18-18-38	1.35V	● ●
<b>G.SKILL</b>	F4-3200C16Q-32GTZKY	32GB(8GB*4)	SS	16-18-18-38	1.35V	● ●



<b>G.SKILL</b>	F4-3200C16Q-32GTZKO	32GB(8GB*4)	SS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-32GTZSW	32GB(8GB*4)	SS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-32GTZSK	32GB(8GB*4)	SS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-32GVR	32GB(8GB*4)	SS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-32GVK	32GB(8GB*4)	SS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-32GTZ	32GB(8GB*4)	SS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-32GTZSW	32GB(8GB*4)	SS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-32GVR	32GB(8GB*4)	SS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-32GVK	32GB(8GB*4)	SS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-32GTZ	32GB(8GB*4)	SS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-32GTZSW	32GB(8GB*4)	SS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-32GVK	32GB(8GB*4)	DS	16-16-16-36	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GRK	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GVK	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GTZ	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GTZKW	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GTZKY	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GTZKO	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GTZSW	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GTZSK	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-64GVR	64GB(16GB*4)	DS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-64GVK	64GB(16GB*4)	DS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-64GTZ	64GB(16GB*4)	DS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C15Q-64GTZSW	64GB(16GB*4)	DS	15-15-15-35	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-64GVR	64GB(16GB*4)	DS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-64GVK	64GB(16GB*4)	DS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-64GTZ	64GB(16GB*4)	DS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C14Q-64GTZSW	64GB(16GB*4)	DS	14-14-14-34	1.35V	●	●
<b>G.SKILL</b>	F4-3200C16Q-64GVK	64GB(16GB*4)	DS	16-18-18-38	1.35V	●	●
<b>CORSAIR</b>	CMK8GX4M2B3200C16 ver4.24	8GB(4GB*2)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD8GX4M2B3200C16 ver4.24	8GB(4GB*2)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD8GX4M2B3200C14 ver4.24	8GB(4GB*2)	SS	14-16-16-35	1.35V	●	●
<b>CORSAIR</b>	CMU16GX4M2C3200C16 ver4.24	16GB(8GB*2)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMU16GX4M2C3200C16 ver5.39	16GB(8GB*2)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M2B3200C16 ver4.31	16GB(8GB*2)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M2B3200C16 ver4.24	16GB(8GB*2)	DS	16-18-18-36	1.35V	●	●

<b>CORSAIR</b>	CMK16GX4M2B3200C14 ver4.24	16GB(8GB*2)	DS	14-16-16-35	1.35V	●	
<b>CORSAIR</b>	CMD16GX4M4B3200C15 ver4.24	16GB(4GB*4)	SS	15-17-17-35	1.35V	●	●
<b>CORSAIR</b>	CMD16GX4M4B3200C16 ver4.24	16GB(4GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD16GX4M4B3200C14 ver4.24	16GB(4GB*4)	SS	14-16-16-35	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M4B3200C16 ver4.24	16GB(4GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M4B3200C15 ver4.24	16GB(4GB*4)	SS	15-17-17-35	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M4C3200C15 ver4.24	16GB(4GB*4)	SS	15-17-17-35	1.35V	●	●
<b>CORSAIR</b>	CMK16GX4M4B3200C14 ver4.24	16GB(4GB*4)	SS	14-16-16-35	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M2B3200C16 ver4.31	32GB(16GB*2)	DS	16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMD32GX4M2C3200C16C ver4.31	32GB(16GB*2)	DS	16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMU32GX4M2C3200C16 ver4.31	32GB(16GB*2)	DS	16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMU32GX4M2C3200C16 ver5.39	32GB(16GB*2)	DS	16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMK32GX4M2B3200C16 ver4.31	32GB(16GB*2)	DS	16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMK32GX4M2B3200C14 ver4.31	32GB(16GB*2)	DS	14-16-16-35	1.35V	●	
<b>CORSAIR</b>	CMK32GX4M2B3200C16 ver5.39	16GB(8GB*2)	DS	16-18-18-36	1.35V	●	
<b>CORSAIR</b>	CMD32GX4M4C3200C14C ver4.31	32GB(8GB*4)	SS	14-16-16-35	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M4B3200C16 ver4.24	32GB(8GB*4)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD32GX4M2C3200C16 ver5.39	16GB(8GB*2)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3200C16 ver4.31	32GB(8GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3200C16 ver4.24	32GB(8GB*4)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4B3200C14 ver4.24	32GB(8GB*4)	DS	14-16-16-35	1.35V	●	●
<b>CORSAIR</b>	CMK32GX4M4D3200C16 ver3.31	32GB(8GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMU32GX4M4C3200C16 ver5.39	32GB(8GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMU32GX4M4C3200C16 ver4.31	32GB(8GB*4)	SS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD64GX4M4B3200C16 ver4.31	64GB(16GB*4)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMD64GX4M4C3200C16 ver5.39	64GB(16GB*4)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK64GX4M4B3200C16 ver4.31	64GB(16GB*4)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMK64GX4M4B3200C16 ver5.39	64GB(16GB*4)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMU64GX4M4B3200C16 ver4.31	64GB(16GB*4)	DS	16-18-18-36	1.35V	●	●
<b>CORSAIR</b>	CMU64GX4M4B3200C16 ver5.39	64GB(16GB*4)	DS	16-18-18-36	1.35V	●	●
<b>KINGSTON</b>	HX432C16PB3K4/16	16GB(4GB*4)	SS	16-18-18-36	1.35V	●	●
<b>KINGSTON</b>	HX432C16PB3K4/32	32GB(8GB*4)	SS	16-18-18-36	1.35V	●	●
<b>GEIL</b>	GEX416GB3200C16DC	16GB(8GB*2)	SS	16-16-16-36	1.35V	●	
<b>APACER</b>	AHU08GGB32CDU5H(EK.16GA1.GE BK2)	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	
<b>APACER</b>	AHU08GGB32CDU6H(EK.16GA1.GE AK2)	16GB(8GB*2)	SS	16-18-18-38	1.35V	●	

<b>APACER</b>	AHU16GGB32CDU5H(EK.32GA1.GE BK2)	32GB(16GB*2)	DS			16-18-18-38	1.35V	•
<b>APACER</b>	AHU16GGB32CDU6H(EK.32GA1.GE AK2)	32GB(16GB*2)	DS			16-18-18-38	1.35V	•
<b>FORZA</b>	NFMUD480E8-3200DH2A	16GB(8GB*2)	SS			16-18-18-36	1.35V	•

### DDR4 3000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (C)	
								2 DIMM	4 DIMM
<b>ADATA</b>	AX4U3000316G16-BGZ(XMP)	16GB	DS	-	-	16-18-18-36	1.35	•	•
<b>ADATA</b>	AX4U300038G16-DBZ(XMP)	8GB	SS	-	-	16-18-18-36	1.35	•	•
<b>ADATA</b>	AX4U3000W4G16-BWZ(XMP)	4GB	SS	-	-	16-16-16-36	1.35	•	•
<b>ADATA</b>	AX4U3000W8G16-BWZ(XMP)	8GB	DS	-	-	16-16-16-36	1.35	•	
<b>Apacer</b>	EK.16GAW.KFBK2(XMP)	8GB	DS	-	-	16-16-16-36	-	•	
<b>Apacer</b>	AHU08GGB30CDG6H (EK.16GAZ.GEAK2)	16GB (2x 8GB )	SS	Apacer	-	16-16-16-36	1.35	•	
<b>Apacer</b>	AHU08GGB30CDU5H (EK.16GAZ.GEBK2)	16GB (2x 8GB )	SS	Apacer	-	16-16-16-36	1.35	•	
<b>CORSAIR</b>	CMD16GX4M2B3000C15(Ver4.23)(XMP)	16GB ( 2x 8GB )	DS	-	-	15-17-17-35	1.35	•	
<b>CORSAIR</b>	CMD16GX4M2B3000C15(Ver5.30)(XMP)	16GB ( 2x 8GB )	SS	-	-	15-17-17-35	1.35	•	
<b>CORSAIR</b>	CMD16GX4M4B3000C15(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	15-17-17-35	1.35	•	•
<b>CORSAIR</b>	CMD16GX4M4B3000C15(Ver5.29)(XMP)	16GB ( 4x 4GB )	DS	-	-	15-17-17-35	1.35	•	•
<b>CORSAIR</b>	CMD32GX4M4B3000C15(Ver4.23)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.35	•	•
<b>CORSAIR</b>	CMD32GX4M4C3000C15(Ver5.30)(XMP)	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	1.35	•	•
<b>CORSAIR</b>	CMK16GX4M2B3000C15(Ver4.23)(XMP)	16GB ( 2x 8GB )	DS	-	-	15-17-17-35	1.35	•	
<b>CORSAIR</b>	CMK16GX4M2B3000C15(Ver5.30)(XMP)	16GB ( 2x 8GB )	SS	-	-	15-17-17-35	1.35	•	
<b>CORSAIR</b>	CMK16GX4M4B3000C15(Ver5.29)(XMP)	16GB ( 4x 4GB )	SS	-	-	15-17-17-35	1.35	•	•

<b>CORSAIR</b>	CMK32GX4M2B3000C15(Ver4.31)(XMP)	32GB ( 2x 16GB )	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMK32GX4M4B3000C15(Ver4.24)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.35	●	●
<b>CORSAIR</b>	CMK32GX4M4B3000C15(Ver5.29)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.35	●	●
<b>CORSAIR</b>	CMK64GX4M4B3000C15(Ver4.31)(XMP)	64GB ( 4x 16GB )	DS	-	-	15-17-17-35	1.35	●	●
<b>CORSAIR</b>	CMK8GX4M2B3000C15(Ver4.23)(XMP)	8GB ( 2x 4GB )	DS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMR16GX4M2C3000C15(Ver4.31)(XMP)	16GB ( 2x 8GB )	SS	-	-	15-17-17-35	1.35	●	
<b>CORSAIR</b>	CMR32GX4M4C3000C15(Ver4.31)(XMP)	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	1.35	●	●
<b>CORSAIR</b>	CMU16GX4M2C3000C15(Ver3.21)(XMP)	16GB ( 2x 8GB )	DS	-	-	15-17-17-35	1.35	●	
<b>crucial</b>	BLE4G4D30AEEA.K8FE(XMP)	4GB	SS	-	-	15-16-16-35	1.35	●	●
<b>crucial</b>	BLE8G4D30AEEA.K16FE(XMP)	8GB	DS	-	-	15-16-16-35	1.35	●	●
<b>crucial</b>	BLT4G4D30AETA.K8FE(XMP)	4GB	SS	-	-	15-16-16-35	1.35	●	●
<b>crucial</b>	BLT8G4D30AETA.K16FE(XMP)	8GB	DS	-	-	15-16-16-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C14Q2-128GVK(XMP)	128GB ( 8x 16GB )	DS	-	-	14-14-14-34	1.35	●	●
<b>G.SKILL</b>	F4-3000C14Q2-128GVRD	128GB ( 8x 16GB )	DS			14-14-14-34	1.35	●	●
<b>G.SKILL</b>	F4-3000C14Q2-128GVKD	128GB ( 8x 16GB )	DS			14-14-14-34	1.35	●	●
<b>G.SKILL</b>	F4-3000C15D-8GTZB(XMP)	8GB ( 2x 4GB )	SS	-	-	15-16-16-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15D-8GTZB	8GB ( 2x 4GB )	SS			15-16-16-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15D-8GVRB	8GB ( 2x 4GB )	SS			15-16-16-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15Q-16GRK(XMP)	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-16GTZ	16GB ( 4x 4GB )	SS			15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-16GVR	16GB ( 4x 4GB )	SS			15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-16GVB	16GB ( 4x 4GB )	SS			15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-16GVK	16GB ( 4x 4GB )	SS			15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-16GVG	16GB ( 4x 4GB )	SS			15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-16GVS	16GB ( 4x 4GB )	SS			15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-16GRR(XMP)	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.35	●	●
<b>G.SKILL</b>	F4-3000C15Q-32GRK(XMP)	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15Q-32GTZ	32GB ( 4x 8GB )	DS			15-15-15-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15Q-32GVR	32GB ( 4x 8GB )	DS			15-15-15-35	1.35	●	

<b>G.SKILL</b>	F4-3000C15Q-32GVB	32GB ( 4x 8GB )	DS			15-15-15-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15Q-32GVK	32GB ( 4x 8GB )	DS			15-15-15-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15Q-32GVG	32GB ( 4x 8GB )	DS			15-15-15-35	1.35	●	
<b>G.SKILL</b>	F4-3000C15Q-32GVS	32GB ( 4x 8GB )	DS			15-15-15-35	1.35	●	
<b>G.SKILL</b>	F4-3000C16Q2-128GVKB(XMP)	128GB ( 8x 16GB )	DS	-	-	16-18-18-38	1.35	●	●
<b>GelL</b>	GLR416GB3000C15ADC(XMP)	8GB	SS	-	-	15-17-17-35	1.35	●	●
<b>GelL</b>	GLR416GB3000C16QC(XMP)	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.35	●	●
<b>Hyper X</b>	HX430C15PB2K4/16(XMP)	16GB ( 4x 4GB )	SS	-	-	15-16-16-39	1.35	●	
<b>Hyper X</b>	HX430C15PB3K2/16(XMP)	16GB ( 2x 8GB )	SS	-	-	15-17-17-36	1.35	●	
<b>Hyper X</b>	HX430C15PB3K2/32(XMP)	32GB ( 2x 16GB )	DS	-	-	15-17-17-36	1.35	●	
<b>Hyper X</b>	HX430C15PB3K2/8(XMP)	8GB ( 2x 4GB )	SS	-	-	15-17-17-36	1.35	●	
<b>Hyper X</b>	HX430C15PB3K4/16(XMP)	16GB ( 4x 4GB )	SS	-	-	15-17-17-36	1.35	●	●
<b>Hyper X</b>	HX430C15PB3K4/32(XMP)	32GB ( 4x 8GB )	SS	-	-	15-17-17-36	1.35	●	●
<b>Hyper X</b>	HX430C15PB3K4/64(XMP)	64GB ( 4x 16GB )	DS	-	-	15-17-17-36	1.35	●	●
<b>Hyper X</b>	HX430C15PBK4/32(XMP)	32GB ( 4x 8GB )	DS	-	-	15-16-16-39	1.35	●	
<b>Hyper X</b>	HX430C15SB2/4(XMP)	4GB	SS	-	-	15-17-17-39	1.35	●	●
<b>Hyper X</b>	HX430C15SB2K2/8(XMP)	8GB ( 2x 4GB )	SS	-	-	15-17-17-39	1.35	●	
<b>Hyper X</b>	HX430C15SB2K4/16(XMP)	16GB ( 4x 4GB )	SS	-	-	15-17-17-39	1.35	●	●
<b>Hyper X</b>	HX430C15SB2K4/32(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-39	1.35	●	
<b>Hyper X</b>	HX430C15SBK2/16(XMP)	16GB ( 2x 8GB )	DS	-	-	15-16-16-39	1.35	●	
<b>Hyper X</b>	HX430C16PBK4/64(XMP)	64GB ( 4x 16GB )	DS	-	-	16-16-16-39	1.35	●	●
<b>Klevv</b>	IM44GU48A30-FGGHAZ(XMP)	4GB	SS	-	-	15-15-16-36	1.35	●	●
<b>Klevv</b>	IM44GU48A30-GIIHMC(XMP)	4GB	SS	-	-	16-18-18-36	1.35	●	●
<b>Klevv</b>	IM44GU48N30-FFFHAB(XMP)	4GB	SS	-	-	15-15-16-36	1.2	●	●
<b>Klevv</b>	IM48GU48A30-GIIHMC(XMP)	8GB	DS	-	-	16-18-18-36	1.35	●	●
<b>Klevv</b>	IM48GU88A30-FGGHMZ(XMP)	8GB	DS	-	-	15-15-16-36	1.35	●	●
<b>Klevv</b>	IM48GU88N30-FFFHMB(XMP)	8GB	SS	-	-	15-15-16-36	1.2	●	●
<b>Klevv</b>	IM4AGU88A30-FGGHMZ(XMP)	16GB	DS	-	-	15-15-16-36	1.35	●	●
<b>Klevv</b>	IM4AGU88N30-FFFHMB(XMP)	16GB	DS	-	-	15-15-16-36	1.2	●	●
<b>NEO FORZA</b>	NMUD480E81-3000DB30	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	-	●	●
<b>NEO FORZA</b>	NMUD480E82-3000DB30	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	-	●	●
<b>NEO FORZA</b>	NMUD480E81-3000DC30	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	-	●	●
<b>NEO FORZA</b>	NMUD480E82-3000DC30	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	-	●	●
<b>NEO FORZA</b>	NMUD480E81-3000DD30	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	-	●	●
<b>NEO FORZA</b>	NMUD480E82-3000DD30	32GB ( 4x 8GB )	SS	-	-	15-17-17-35	-	●	●
<b>NEO FORZA</b>	NMUD416E81-3000DB30	64GB ( 4x 16GB )	SS	-	-	15-17-17-35	-	●	●

<b>NEO FORZA</b>	NMUD416E81-3000DC30	64GB ( 4x 16GB )	SS	-	-	15-17-17-35	-	●	●
<b>NEO FORZA</b>	NMUD416E81-3000DD30	64GB ( 4x 16GB )	DS	-	-	15-17-17-35	-	●	●
<b>PATRIOT</b>	PV416G300C6QK(XMP)	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.35	●	●
<b>PATRIOT</b>	PV432G300C6QK(XMP)	32GB ( 4x 8GB )	SS	-	-	16-16-16-36	1.35	●	●
<b>PATRIOT</b>	PV432G300C6QK-PE000378(XMP)	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.35	●	●
<b>PATRIOT</b>	PVE416G300C6KBL(XMP)	16GB ( 2x 8GB )	SS	-	-	16-16-16-36	-	●	
<b>PATRIOT</b>	PVE48G300C6KRD(XMP)	8GB ( 2x 4GB )	SS	-	-	16-16-16-36	-	●	
<b>Team</b>	TCD44G3000C16CBK(XMP)	4GB	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	●
<b>Team</b>	TLRED416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	●
<b>Team</b>	TLGD416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	●
<b>Team</b>	TDRED416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	●
<b>Team</b>	TDGED416G3000HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	●
<b>Team</b>	TLRED48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	
<b>Team</b>	TLGD48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	
<b>Team</b>	TDRED48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	
<b>Team</b>	TDGED48G3000HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.35	●	
<b>Team</b>	TFRD48G3000C16CBK(XMP)	8GB	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●	
<b>Team</b>	TLRED432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●	
<b>Team</b>	TLGD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●	
<b>Team</b>	TDRED432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●	
<b>Team</b>	TDGED432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●	
<b>Team</b>	TDPRD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●	

<b>Team</b>	TDPGD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	THRD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	THWD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	THBD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDTRD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDTWD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDTBD432G3000HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TLRED416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TLGD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDRED416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDGED416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDPRD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDPGD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	THRD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	THWD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	THBD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDTRD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDTWD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●
<b>Team</b>	TDTBD416G3000HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.35	●

<b>Team</b>	TFWD416G3000C16CBK(XMP)	16GB	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	TDPRD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	TDPGD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	THRD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	THWD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	THBD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	TDTRD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	TDTWD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	TDTBD464G3000HC16CQC01	64GB(16GB*4)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	•
<b>Team</b>	TDPRD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	
<b>Team</b>	TDPGD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	
<b>Team</b>	THRD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	
<b>Team</b>	THWD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	
<b>Team</b>	THBD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	
<b>Team</b>	TDTRD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	
<b>Team</b>	TDTWD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	
<b>Team</b>	TDTBD432G3000HC16CDC01	32GB(16GB*2)	DS	Team	T4D10248H T-30	16-18-18-38	1.35	•	

#### DDR4 2800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (C	
								2 DIMM	4 DIMM



<b>ADATA</b>	AX4U2800316G16(XMP)	16GB	DS	-	-	16-16-16-36	1.2	●	●
<b>ADATA</b>	AX4U2800316G16-SBF(XMP)	16GB	DS	-	-	16-16-16-36	1.2	●	
<b>ADATA</b>	AX4U280038G17-SBF(XMP)	8GB	SS	-	-	17-17-17-36	1.2	●	●
<b>ADATA</b>	AX4U2800W4G17-BRZ(XMP)	4GB	SS	-	-	17-17-17-36	1.2	●	
<b>ADATA</b>	AX4U2800W8G15(XMP)	8GB	DS	-	-	15-16-16-35	1.25		●
<b>ADATA</b>	AX4U2800W8G17-BRD(XMP)	8GB	DS	-	-	17-17-17-36	1.2	●	●
<b>ADATA</b>	AX4U2800W8G17-BRZ(XMP)	8GB	DS	-	-	17-17-17-36	1.2	●	
<b>Apacer</b>	78.BAGM8.AF20B(XMP)	16GB (4x 4GB )	SS	-	-	17-17-17-36	-	●	
<b>Apacer</b>	78.CAGM8.AF30B(XMP)	32GB (4x 8GB )	DS	-	-	17-17-17-36	-	●	
<b>Apacer</b>	AHU08GGB28CET6H (EK.16GAW.KFAK2)	8GB	DS	Apacer	-	17-17-17-36	1.2	●	
<b>Apacer</b>	AHU08GGB28CEU6H (EK.16GAW.GFAK2)	16GB (2x 8GB )	SS	Apacer	-	17-17-17-36	1.2	●	
<b>Apacer</b>	AHU08GGB28CEU5H (EK.16GAW.GFBK2)	16GB (2x 8GB )	SS	Apacer	-	17-17-17-36	1.2	●	
<b>CORSAIR</b>	CMD16GX4M4A2800C16(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-36	1.2	●	●
<b>CORSAIR</b>	CMD16GX4M4A2800C16(Ver5.29)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-36	1.2	●	●
<b>CORSAIR</b>	CMD32GX4M4A2800C15(Ver5.29)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-36	1.2	●	●
<b>CORSAIR</b>	CMD32GX4M4A2800C16(Ver5.29)(XMP)	32GB ( 4x 8GB )	DS	-	-	18-18-18-36	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M4A2800C16(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-16-18-36	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M4A2800C16(Ver5.29)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-36	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2800C16(Ver5.29)(XMP)	32GB ( 4x 8GB )	DS	-	-	16-18-18-36	1.2	●	●
<b>NEO FORZA</b>	NMUD416E81-2800EB30	64GB(4x16GB)	DS	-	-	2800-17-17-17-36	-	●	●
<b>NEO FORZA</b>	NMUD416E82-2800EB30	64GB(4x16GB)	DS	-	-	2800-17-17-17-36	-	●	●
<b>NEO FORZA</b>	NMUD416E81-2800EC30	64GB(4x16GB)	DS	-	-	2800-17-17-17-36	-	●	●
<b>NEO FORZA</b>	NMUD416E82-2800EC30	64GB(4x16GB)	DS	-	-	2800-17-17-17-36	-	●	●

<b>NEO FORZA</b>	NMUD416E81-2800ED30	64GB(4x16GB)	DS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD416E82-2800ED30	64GB(4x16GB)	DS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD480E81-2800EB30	32GB ( 4x 8GB )	SS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD480E82-2800EB30	32GB ( 4x 8GB )	SS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD480E81-2800EC30	32GB ( 4x 8GB )	SS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD480E82-2800EC30	32GB ( 4x 8GB )	SS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD480E8-2800DD2A(XMP)	32GB ( 4x 8GB )	SS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD480E81-2800ED30	32GB ( 4x 8GB )	SS	-	-	2800-17-17-17-36	-	•	•
<b>NEO FORZA</b>	NMUD480E82-2800ED30	32GB ( 4x 8GB )	SS	-	-	2800-17-17-17-36	-	•	•
<b>G.SKILL</b>	F4-2800C15Q2-128GRKD(XMP)	128GB ( 8x 16GB )	DS	-	-	15-15-15-35	1.35	•	•
<b>G.SKILL</b>	F4-2800C15Q2-64GRK(XMP)	64GB ( 8x 8GB )	DS	-	-	15-16-16-35	1.25	•	•
<b>G.SKILL</b>	F4-2800C16Q-16GRK(XMP)	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-16GVR	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-16GVB	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-16GVK	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-16GVG	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-16GVS	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-16GRR(XMP)	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-32GRK(XMP)	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-32GVR	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-32GVB	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-32GVK	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-32GVG	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-32GVS	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>G.SKILL</b>	F4-2800C16Q-32GRR(XMP)	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>GeIL</b>	GPR416GB2800C16QC(XMP)	16GB ( 4x 4GB )	SS	-	-	16-16-16-36	1.2	•	•
<b>GeIL</b>	GPR432GB2800C16QC(XMP)	32GB ( 4x 8GB )	DS	-	-	16-16-16-36	1.2	•	•
<b>Hyper X</b>	HX428C14PBK8/64(XMP)	64GB (8x 8GB )	DS	-	-	14-15-15-39	1.35	•	•

<b>Hyper X</b>	HX428C14SB2/4(XMP)	4GB	SS	-	-	14-16-16-39	1.35	●	●
<b>Hyper X</b>	HX428C14SB2/8(XMP)	8GB	DS	-	-	14-16-16-39	1.35	●	●
<b>Hyper X</b>	HX428C14SB2K2/16(XMP)	16GB ( 2x 8GB )	DS	-	-	14-16-16-39	1.35	●	
<b>Hyper X</b>	HX428C14SB2K2/8(XMP)	8GB ( 2x 4GB )	SS	-	-	14-16-16-39	1.35	●	
<b>Hyper X</b>	HX428C14SB2K4/16(XMP)	16GB ( 4x 4GB )	SS	-	-	14-16-16-39	1.35	●	●
<b>Hyper X</b>	HX428C14SB2K4/32(XMP)	32GB ( 4x 8GB )	DS	-	-	14-16-16-39	1.35	●	●
<b>Klevv</b>	IMA451U6MFR8N-DG0(Ver1.05)(XMP)	4GB	SS	-	-	16-16-16-36	1.2	●	●
<b>Team</b>	TCD44G2800C16ABK(XMP)	4GB	SS	SK Hynix	H5AN4GBN AFRTFC	16-16-16-36	1.2	●	
<b>Team</b>	TDRED416G2800HC16AQC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBN AFRTFC	16-16-16-36	1.2	●	
<b>Team</b>	TDGED416G2800HC16AQC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBN AFRTFC	16-16-16-36	1.2	●	
<b>Team</b>	TDRED48G2800HC16ADC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBN AFRTFC	16-16-16-36	1.2	●	
<b>Team</b>	TDGED48G2800HC16ADC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBN AFRTFC	16-16-16-36	1.2	●	
<b>Team</b>	TCD44G2800C16CBK(XMP)	4GB	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	●
<b>Team</b>	TLRED416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	●
<b>Team</b>	TLGD416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	●
<b>Team</b>	TDRED416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	●
<b>Team</b>	TDGED416G2800HC16CQC01	16GB(4GB*4)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	●
<b>Team</b>	TLRED48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	
<b>Team</b>	TLGD48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	
<b>Team</b>	TDRED48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	
<b>Team</b>	TDGED48G2800HC16CDC01	8GB(4GB*2)	SS	Team	T4D5128HT-30	16-18-18-38	1.2	●	
<b>Team</b>	TFRD48G2800C16CBK(XMP)	8GB	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	●	

<b>Team</b>	TLRED432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	TLGD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	TDRED432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	TDGED432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	THRD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	THWD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	THBD432G2800HC16CQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	TLRED416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	TLGD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	TDRED416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	TDGED416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	THRD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	THWD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•
<b>Team</b>	THBD416G2800HC16CDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	16-18-18-38	1.2	•

#### DDR4 2666 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (C)	
								2 DIMM	4 DIMM
<b>ADATA</b>	AX4U266638G16-DRZ(XMP)	16GB ( 2x 8GB )	SS	-	-	16-16-16-39	1.2	•	
<b>ADATA</b>	AX4U2666W4G16-BRZ(XMP)	4GB	SS	-	-	16-16-16-39	1.2	•	•
<b>ADATA</b>	AX4U2666W8G16-QRZ(XMP)	32GB ( 4x 8GB )	DS	-	-	16-16-16-39	1.2	•	•
<b>CORSAIR</b>	CMD128GX4M8A2666C15(Ver4.31)(XMP)	128GB ( 8x 16GB )	DS	-	-	15-17-17-35	1.2	•	•

<b>CORSAIR</b>	CMD16GX4M2A2666C15(Ver4.23)(XMP)	16GB ( 2x 8GB )	DS	-	-	15-17-17-35	1.2	●	
<b>CORSAIR</b>	CMD16GX4M4A2666C15(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	15-17-17-35	1.2	●	●
<b>CORSAIR</b>	CMD16GX4M4A2666C16(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMD16GX4M4A2666C16(Ver5.29)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMD32GX4M4A2666C15(Ver4.23)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.2	●	●
<b>CORSAIR</b>	CMD32GX4M4A2666C15(Ver5.29)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.2	●	●
<b>CORSAIR</b>	CMD64GX4M8A2666C15(Ver4.23)(XMP)	64GB ( 8x 8GB )	DS	-	-	15-17-17-35	1.2	●	●
<b>CORSAIR</b>	CMD8GX4M2A2666C15(Ver4.23)(XMP)	8GB ( 2x 4GB )	DS	-	-	15-17-17-35	1.2	●	
<b>CORSAIR</b>	CMK128GX4M8A2666C16(Ver5.39)(XMP)	128GB ( 8x 16GB )	DS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M2A2666C16(Ver5.29)(XMP)	16GB ( 2x 8GB )	DS	-	-	16-18-18-35	1.2	●	
<b>CORSAIR</b>	CMK16GX4M2A2666C16(Ver5.30)(XMP)	16GB ( 2x 8GB )	SS	-	-	16-18-18-35	1.2	●	
<b>CORSAIR</b>	CMK16GX4M4A2666C15(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	15-17-17-35	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M4A2666C15(Ver5.29)(XMP)	16GB ( 4x 4GB )	SS	-	-	15-17-17-35	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M4A2666C16(Ver3.21)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M4A2666C16(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK16GX4M4A2666C16(Ver5.29)(XMP)	16GB ( 4x 4GB )	SS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M2A2666C16(Ver4.31)(XMP)	32GB ( 2x 16GB )	DS	-	-	16-18-18-35	1.2	●	
<b>CORSAIR</b>	CMK32GX4M2A2666C16R(Ver3.31)(XMP)	32GB ( 2x 16GB )	DS	-	-	16-18-18-35	1.2	●	
<b>CORSAIR</b>	CMK32GX4M4A2666C15(Ver4.23)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.2	●	●

<b>CORSAIR</b>	CMK32GX4M4A2666C15(Ver5.29)(XMP)	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver3.20)(XMP)	32GB ( 4x 8GB )	DS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver3.21)(XMP)	32GB ( 4x 8GB )	DS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver5.29)(XMP)	32GB ( 4x 8GB )	DS	-	-	16-16-18-35	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2666C16(Ver5.30)(XMP)	32GB ( 4x 8GB )	SS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2666C16R(Ver4.23)(XMP)	32GB ( 4x 8GB )	DS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK64GX4M4A2666C16(Ver3.31)(XMP)	64GB ( 4x 16GB )	DS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMK64GX4M4A2666C16(Ver4.31)(XMP)	64GB ( 4x 16GB )	DS	-	-	16-18-18-35	1.2	●	●
<b>CORSAIR</b>	CMU32GX4M4A2666C16(Ver5.30)(XMP)	32GB ( 4x 8GB )	SS	-	-	16-18-18-35	1.2	●	●
<b>crucial</b>	BLE4G4D26AFE.A.8FAD (XMP)	4GB	SS	-	-	16-17-17-36	1.2	●	●
<b>crucial</b>	BLE8G4D26AFE.A.16FAD(XMP)	8GB	DS	-	-	16-17-17-36	1.2	●	●
<b>crucial</b>	BLS16G4D26BFSC.16FBD(XMP)	16GB	DS	-	-	16-18-18-38	1.2	●	●
<b>crucial</b>	BLS4G4D26BFSC.8FBR2(XMP)	4GB	SS	-	-	16-18-18-38	1.2	●	●
<b>crucial</b>	BLS8G4D26BFSC.16FBR2(XMP)	8GB	DS	-	-	16-18-18-38	1.2	●	●
<b>crucial</b>	BLT4G4D26AFTA.8FADG(XMP)	16GB ( 4x4GB )	SS	-	-	16-17-17-36	1.2	●	●
<b>crucial</b>	BLT4G4D26AFTA.8FADG(XMP)	4GB	SS	-	-	16-17-17-36	1.2	●	●
<b>crucial</b>	BLT8G4D26AFTA.16FAD(XMP)	32GB ( 4x 8GB )	DS	-	-	16-17-17-36	1.2	●	●
<b>crucial</b>	BLT8G4D26AFTA.16FAD(XMP)	8GB	DS	-	-	16-17-17-36	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GRR(XMP)	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVR	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVB	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVG	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVK	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GVS	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GRK	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-16GRB	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GRR(XMP)	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GVR	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.2	●	●

<b>G.SKILL</b>	F4-2666C15Q-32GVB	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GVG	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GVK	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GVS	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GRK	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C15Q-32GRB	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2666C16Q2-128GVK(XMP)	128GB ( 8x 16GB )	DS	-	-	16-16-16-36	1.2	●	●
<b>G.SKILL</b>	F4-2666C16Q2-128GVR	128GB ( 8x 16GB )	DS			16-16-16-36	1.2	●	●
<b>Hyper X</b>	HX426C13SB2/4(XMP)	4GB	SS	-	-	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C13SB2/8(XMP)	8GB	DS	-	-	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C13SB2K2/16(XMP)	16GB ( 2x 8GB )	DS	-	-	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C13SB2K2/16(XMP)	16GB ( 2x 8GB )	DS	Nanya	NT5AD512M 8B1-GN	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C13SB2K2/8(XMP)	8GB ( 2x 4GB )	SS	-	-	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C13SB2K4/16(XMP)	16GB ( 4x 4GB )	SS	-	-	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C13SB2K4/32(XMP)	32GB ( 4x 8GB )	DS	-	-	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C13SB2K4/32(XMP)	32GB ( 4x 8GB )	DS	Nanya	NT5AD512M 8B1-GN	13-15-15-39	1.35	●	
<b>Hyper X</b>	HX426C15FB/4	4GB	SS	-	-	15-17-17-35	1.2	●	●
<b>Hyper X</b>	HX426C15FB/8	8GB	DS	-	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FB/8	8GB	DS	-	-	15-17-17-35	1.2	●	●
<b>Hyper X</b>	HX426C15FBK2/16	16GB ( 2x 8GB )	DS	-	-	15-15-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK2/16	16GB ( 2x 8GB )	DS	-	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK2/8	8GB ( 2x 4GB )	SS	-	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK4/16	16GB ( 4x 4GB )	SS	-	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK4/16	16GB ( 4x 4GB )	SS	-	-	15-17-17-35	1.2	●	●
<b>Hyper X</b>	HX426C15FBK4/32	32GB ( 4x 8GB )	DS	-	-	15-15-17-35	1.2	●	●
<b>Hyper X</b>	HX426C15FBK4/32	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.2	●	
<b>Hyper X</b>	HX426C15FBK4/32	32GB ( 4x 8GB )	DS	-	-	15-17-17-35	1.2	●	●
<b>Hyper X</b>	HX426C16FB/16	16GB	DS	-	-	16-18-18-39	1.2	●	●
<b>Hyper X</b>	HX426C16FB2/8(XMP)	8GB	SS	-	-	16-18-18-39	1.2	●	●
<b>Hyper X</b>	HX426C16FB2K2/16(XMP)	16GB (2x 8GB )	SS	-	-	16-18-18-39	1.2	●	●
<b>Hyper X</b>	HX426C16FB2K4/32(XMP)	32GB (4x 8GB )	SS	-	-	16-18-18-39	1.2	●	●
<b>Hyper X</b>	HX426C16FBK2/32	32GB ( 2x 16GB )	DS	-	-	16-18-18-39	1.2	●	
<b>Hyper X</b>	HX426C16FBK4/64	64GB ( 4x 16GB )	DS	-	-	16-18-18-39	1.2	●	●
<b>Hyper X</b>	HX426C16FBK4/64	64GB ( 4x 16GB )	DS	-	-	16-18-18-39	-	●	●
<b>Hyper X</b>	HX426C16FW/16	16GB	DS	-	-	16-18-18-39	1.2	●	●

<b>Hyper X</b>	HX426C16FWK2/32	32GB ( 2x 16GB )	DS	-	-	16-18-18-39	1.2	•	
<b>Hyper X</b>	HX426C16FWK4/64	64GB ( 4x 16GB )	DS	-	-	16-18-18-39	1.2	•	•
<b>Klevv</b>	IM44GU48N26-FFFHAZ(XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM48GU88N26-FFFHMZ(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM4AGU88N26-FFFHMZ(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C4GX4N-2666-15-15-15-35-0 (XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C4GX4N-2666-15-15-15-35-1 (XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C8GX4N-2666-15-15-15-35-0 (XMP)	8GB	DS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C8GX4N-2666-15-15-15-35-1(XMP)	8GB	DS	-	-	15-15-15-35	1.2	•	•
<b>Team</b>	TCD44G2666C15BBK(XMP)	4GB	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	•
<b>Team</b>	TLRED416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	•
<b>Team</b>	TLGD416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	•
<b>Team</b>	TDRED416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	•
<b>Team</b>	TDGED416G2666HC15BQC01	16GB(4GB*4)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	•
<b>Team</b>	TLRED48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	
<b>Team</b>	TLGD48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	
<b>Team</b>	TDRED48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	
<b>Team</b>	TDGED48G2666HC15BDC01	8GB(4GB*2)	SS	Team	T4D5128HT-266	15-17-17-35	1.2	•	
<b>Team</b>	TFRD416G2666C15BBK(XMP)	16GB	DS	-	K4ABG085 WBBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	THRD464G2666HC15BQC01	64GB(16GB*4)	DS	-	K4ABG085 WBBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	THWD464G2666HC15BQC01	64GB(16GB*4)	DS	-	K4ABG085 WBBCPB	15-17-17-35	1.2	•	•



<b>Team</b>	THBD464G2666HC15BQC01	64GB(16GB*4)	DS	-	K4ABG085 WBBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	THRD432G2666HC15BDC01	32GB(16GB*2)	DS	-	K4ABG085 WBBCPB	15-17-17-35	1.2	•	
<b>Team</b>	THWD432G2666HC15BDC01	32GB(16GB*2)	DS	-	K4ABG085 WBBCPB	15-17-17-35	1.2	•	
<b>Team</b>	THBD432G2666HC15BDC01	32GB(16GB*2)	DS	-	K4ABG085 WBBCPB	15-17-17-35	1.2	•	
<b>Team</b>	TFWD48G2666C15BBK(XMP)	8GB	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	TLRED432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	TLGD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	TDRED432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	TDGED432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	THRD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	THWD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	THBD432G2666HC15BQC01	32GB(8GB*4)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	•
<b>Team</b>	TLRED416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	
<b>Team</b>	TLGD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	
<b>Team</b>	TDRED416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	
<b>Team</b>	TDGED416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	
<b>Team</b>	THRD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	
<b>Team</b>	THWD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	
<b>Team</b>	THBD416G2666HC15BDC01	16GB(8GB*2)	DS	-	K4A4G085W SBCPB	15-17-17-35	1.2	•	

**DDR4 2400 Qualified Vendors List (QVL)**

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (C	
								2 DIMM	4 DIMM
<b>ADATA</b>	AD4U2400W4G17-B	4GB	SS	SK Hynix	H5AN4G8N AFRTFC	15-15-15-35	1.2	•	•
<b>ADATA</b>	AD4U2400W8G17-B	8GB	DS	SK Hynix	H5AN4G8N AFRTFC	15-15-15-35	1.2	•	•
<b>ADATA</b>	AX4U2400316G16-DRD(XMP)	16GB	DS	-	-	16-16-16-39	1.2	•	•
<b>ADATA</b>	AX4U2400316G16-SBF(XMP)	16GB	DS	-	-	16-16-16-36	1.2	•	•
<b>ADATA</b>	AX4U240038G16-SBF(XMP)	8GB	SS	-	-	16-16-16-39	1.2		•
<b>ADATA</b>	AX4U2400W8G16-BRZ(XMP)	8GB	DS	-	-	16-16-16-39	1.2	•	•
<b>ADATA</b>	AX4U2400W8G16-DRD(XMP)	8GB	DS	-	-	16-16-16-39	1.2	•	•
<b>Apacer</b>	78.B1GMS.4050B	16GB (4x 4GB )	SS	Samsung	K4A4G085W D	17-17-17-39	-	•	
<b>Apacer</b>	78.C1GMS.4010B	32GB (4x 8GB )	DS	Samsung	K4A4G085W D	17-17-17-39	-	•	
<b>Apacer</b>	AU08GGB24CEYBGC (EL.08G2T.GFM)	8GB	SS	Apacer	AM6F6308M HHSB2	17-17-17-39	1.2	•	
<b>Apacer</b>	AHU08GGB24CDT7G (EK.08G2T.KEC)	8GB	DS	Apacer	-	16-16-16-36	1.2	•	
<b>Apacer</b>	AHU08GGB24CDU7G (EK.08G2T.GEC)	8GB	SS	Apacer	-	16-16-16-36	1.2	•	
<b>Apacer</b>	AHU08GGB24CDU6H (EK.16GAT.GEAK2)	16GB (2x 8GB )	SS	Apacer	-	16-16-16-36	1.2	•	
<b>Apacer</b>	AHU08GGB24CDU5H (EK.16GAT.GEBK2)	16GB (2x 8GB )	SS	Apacer	-	16-16-16-36	1.2	•	
<b>CORSAIR</b>	CMD16GX4M4A2400C14(Ver4.23)(X MP)	16GB ( 4x 4GB )	SS	-	-	14-16-16-31	1.2	•	•
<b>CORSAIR</b>	CMD32GX4M4A2400C14(Ver4.23)(X MP)	32GB ( 4x 8GB )	DS	-	-	14-16-16-31	1.2	•	•
<b>CORSAIR</b>	CMK128GX4M8A2400C14(Ver5.30)( XMP)	128GB ( 8x 16GB )	DS	-	-	14-16-16-31	1.2	•	•
<b>CORSAIR</b>	CMK16GX4M2A2400C16(Ver3.31)(X MP)	16GB ( 2x 8GB )	DS	-	-	16-16-16-39	1.2	•	
<b>CORSAIR</b>	CMK16GX4M2Z2400C16(Ver3.31)	16GB ( 2x 8GB )	SS	-	-	16-16-16-39	1.2	•	

<b>CORSAIR</b>	CMK16GX4M4A2400C14(Ver4.23)(XMP)	16GB ( 4x 4GB )	SS	-	-	14-16-16-31	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2400C14(Ver4.23)(XMP)	32GB ( 4x 8GB )	DS	-	-	14-16-16-31	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2400C16(Ver3.31)(XMP)	32GB ( 4x 8GB )	SS	-	-	16-16-16-39	1.2	●	●
<b>CORSAIR</b>	CMK64GX4M4A2400C14(Ver3.31)(XMP)	64GB ( 4x 16GB )	DS	-	-	14-16-16-31	1.2	●	●
<b>CORSAIR</b>	CMK64GX4M4A2400C14(Ver4.31)(XMP)	64GB ( 4x 16GB )	DS	-	-	14-16-16-31	1.2	●	●
<b>crucial</b>	BLS16G4D240FSB.16FBD(XMP)	16GB	DS	-	-	16-16-16-39	1.2	●	●
<b>crucial</b>	BLS4G4D240FSB.8FBD(XMP)	4GB	SS	-	-	16-16-16-39	1.2	●	●
<b>crucial</b>	BLS8G4D240FSBK.8FBD(XMP)	8GB	SS	-	-	16-16-16-39	1.2	●	●
<b>crucial</b>	CT16G4DFD824A.16FB1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	●	●
<b>crucial</b>	CT8G4DFS824A.8FB1	8GB	SS	-	-	17-17-17-39	1.2	●	●
<b>Foxtconn</b>	FEU8GN51208KC2400H	8GB	DS	Nanya	NT5AD512M8B1-FM	17-17-17-39	-		●
<b>G.SKILL</b>	F4-2400C14Q2-128GRK(XMP)	128GB ( 8x 16GB )	DS	-	-	14-14-14-34	1.2	●	●
<b>G.SKILL</b>	F4-2400C14Q2-128GRK(XMP)	128GB ( 8x 16GB )	DS	-	-	14-14-14-34	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GRR(XMP)	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2		●
<b>G.SKILL</b>	F4-2400C15Q-16GVR	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVB	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVG	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVK	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GVS	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GRK	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-16GRB	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q2-128GRK(XMP)	128GB ( 8x 16GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q2-128GVR	128GB ( 8x 16GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q2-128GVK	128GB ( 8x 16GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q2-128GVK(XMP)	128GB ( 8x 16GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q2-64GRK(XMP)	64GB ( 8x 8GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GRR(XMP)	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVR	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVB	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVG	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GVK	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●

<b>G.SKILL</b>	F4-2400C15Q-32GVS	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GRK	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2400C15Q-32GRB	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>GeIL</b>	GFR416GB2400C16S(XMP)	16GB	SS	-	-	16-16-16-36	1.2	●	
<b>GeIL</b>	GFR432GB2400C16D(XMP)	16GB	SS	-	-	16-16-16-36	1.2	●	●
<b>GeIL</b>	GLR464GB2400C14QC(XMP)	64GB ( 4x 16GB )	DS	-	-	14-14-14-35	1.2	●	●
<b>GeIL</b>	GPR416GB2400C15QC(XMP)	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>GeIL</b>	GPR432GB2400C15QC(XMP)	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>GeIL</b>	GPR432GB2400C16QC(XMP)	32GB ( 4x 8GB )	SS	-	-	16-16-16-36	1.2	●	●
<b>Hyper X</b>	HX424C12PB2K4/16	16GB ( 4x 4GB )	SS	-	-	12-13-13-35	1.2	●	●
<b>Hyper X</b>	HX424C12SB2/4(XMP)	4GB	SS	-	-	12-14-14-35	1.35	●	●
<b>Hyper X</b>	HX424C12SB2/8(XMP)	8GB	DS	-	-	12-14-14-35	1.35	●	
<b>Hyper X</b>	HX424C12SB2K2/16(XMP)	16GB ( 2x 8GB )	DS	-	-	12-14-14-35	1.35	●	
<b>Hyper X</b>	HX424C12SB2K2/16(XMP)	16GB ( 2x 8GB )	DS	Nanya	NT5AD512M 8B1-GN	12-14-14-35	1.35	●	
<b>Hyper X</b>	HX424C12SB2K4/16(XMP)	16GB ( 4x 4GB )	SS	-	-	12-14-14-35	1.35	●	●
<b>Hyper X</b>	HX424C12SB2K4/32(XMP)	32GB ( 4x 8GB )	DS	-	-	12-14-14-35	1.35	●	●
<b>Hyper X</b>	HX424C12SB2K4/32(XMP)	32GB ( 4x 8GB )	DS	Nanya	NT5AD512M 8B1-GN	12-14-14-35	1.35	●	
<b>Hyper X</b>	HX424C15B2K4/32(XMP)	32GB ( 4x 8GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>Hyper X</b>	HX424C15FB/4	4GB	SS	-	-	15-15-5-35	1.2	●	●
<b>Hyper X</b>	HX424C15FB/8(XMP)	8GB	SS	-	-	15-15-15-35	1.2	●	●
<b>Hyper X</b>	HX424C15FB/8(XMP)	8GB	DS	-	-	15-15-15-35	1.2	●	
<b>Hyper X</b>	HX424C15FBK2/16	16GB ( 2x 8GB )	DS	Nanya	NT5AD512M 8B1-GN	15-15-15-35	1.2	●	
<b>Hyper X</b>	HX424C15FBK2/16	32GB ( 2x 16GB )	DS	-	-	15-15-15-35	1.2	●	
<b>Hyper X</b>	HX424C15FBK2/8	8GB ( 2x 4GB )	SS	-	-	15-15-5-35	1.2	●	
<b>Hyper X</b>	HX424C15FBK4/16	16GB ( 4x 4GB )	SS	-	-	15-15-5-35	1.2	●	●
<b>Hyper X</b>	HX424C15FBK4/16	16GB ( 4x4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>Hyper X</b>	HX424C15FBK4/32	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.2	●	
<b>Hyper X</b>	HX424C15FBK4/64	64GB ( 4x 16GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>Kingston</b>	KVR24N17D8/16	16GB	DS	Micron	D9SRJ	17-17-17-39	1.2	●	●
<b>Kingston</b>	KVR24N17D8/8	8GB	DS	Micron	D9TGG	17-17-17-39	1.2	●	●
<b>Kingston</b>	KVR24N17S8/4	4GB	SS	Micron	D9TGG	17-17-17-39	1.2	●	●
<b>Kingston</b>	KVR24N17S8/8	8GB	SS	Micron	D9TBH	17-17-17-39	1.2		●
<b>Kingston</b>	KVR24N17S8/8	8GB	SS	-	-	17-17-17-39	1.2	●	●
<b>Klevv</b>	IM44GU48N24-FFFHAB(XMP)	4GB	SS	-	-	15-15-15-35	1.2	●	●

<b>Klevv</b>	IM44GU48N24-FFFHAZ(XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM48GU88N24-FFFHMB(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM48GU88N24-FFFHMZ(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM4AGU88N24-FFFHMB(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM4AGU88N24-FFFHMZ(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•
<b>Micron</b>	MTA16ATF2G64AZ-2G3B1	16GB	DS	Micron	D9TBH	17-17-17-39	1.2	•	•
<b>Micron</b>	MTA8ATF1G64AZ-2G3B1	8GB	SS	-	-	17-17-17-39	1.2	•	•
<b>panram</b>	W4U2400PS-8G	8GB	SS	panram	DTCCH912 G2	14-14-14-31	-	•	•
<b>PATRIOT</b>	PSD44G240081	4GB	SS	PATRIOT	PM5128D4B U-083	16-16-16-39	1.2	•	
<b>PATRIOT</b>	PSD48G240082	8GB	DS	-	N/A	17-17-17-39	1.2	•	
<b>SK Hynix</b>	HMA81GU6AFR8N-UH	8GB	SS	SK Hynix	H5AN8GBN AFRUHC	17-17-17-39	-	•	•
<b>SK Hynix</b>	HMA82GU6AFR8N-UH	16GB	DS	SK Hynix	H5AN8GBN AFRUHC	17-17-17-39	-	•	•
<b>SK Hynix</b>	HMA851U6AFR6N-UH	4GB	SS	SK Hynix	H5AN8G6N AFRUHC	17-17-17-39	-	•	
<b>Team</b>	TCD44G2400C14BK(XMP)	4GB	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TLRED416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TLGD416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TDRED416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TDGED416G2400HC14QC01	16GB(4GB*4)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TLRED48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TLGD48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TDRED48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TDGED48G2400HC14DC01	8GB(4GB*2)	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	
<b>Team</b>	TLRED44G2400HC1401	4GB	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•	

<b>Team</b>	TLGD44G2400HC1401	4GB	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•
<b>Team</b>	TDRED44G2400HC1401	4GB	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•
<b>Team</b>	TDGED44G2400HC1401	4GB	SS	SK Hynix	H5AN4GBN AFRTFC	14-16-16-31	1.2	•
<b>Team</b>	TCD48G2400C14BK(XMP)	8GB	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TLRED432G2400HC14QC01	32GB(8GB*4)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TLGD432G2400HC14QC01	32GB(8GB*4)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TDRED432G2400HC14QC01	32GB(8GB*4)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TDGED432G2400HC14QC01	32GB(8GB*4)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TLRED416G2400HC14DC01	16GB(8GB*2)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TLGD416G2400HC14DC01	16GB(8GB*2)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TDRED416G2400HC14DC01	16GB(8GB*2)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TDGED416G2400HC14DC01	16GB(8GB*2)	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TLRED48G2400HC1401	8GB	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TLGD48G2400HC1401	8GB	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TDRED48G2400HC1401	8GB	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TDGED48G2400HC1401	8GB	SS	Team	T4D1024BM T-24	14-16-16-31	1.2	•
<b>Team</b>	TED416G2400C16BK	16GB	DS	Team	T4D10248M T-24	16-16-16-39	1.2	• •
<b>Team</b>	TED464G2400C16QC01	64GB(16GB*4)	DS	Team	T4D10248M T-24	16-16-16-39	1.2	• •
<b>Team</b>	TPRD464G2400HC16QC01	64GB(16GB*4)	DS	Team	T4D10248M T-24	16-16-16-39	1.2	• •

<b>Team</b>	TPD464G2400HC16QC01	64GB(16GB*4)	DS	Team	T4D10248M T-24	16-16-16-39	1.2	•	•
<b>Team</b>	TED432G2400C16DC01	32GB(16GB*2)	DS	Team	T4D10248M T-24	16-16-16-39	1.2	•	
<b>Team</b>	TPRD432G2400HC16DC01	32GB(16GB*2)	DS	Team	T4D10248M T-24	16-16-16-39	1.2	•	
<b>Team</b>	TPD432G2400HC16DC01	32GB(16GB*2)	DS	Team	T4D10248M T-24	16-16-16-39	1.2	•	
<b>Team</b>	TED416G2400C1601	16GB	DS	Team	T4D10248M T-24	16-16-16-39	1.2	•	
<b>Team</b>	TPRD416G2400HC1601	16GB	DS	Team	T4D10248M T-24	16-16-16-39	1.2	•	
<b>Team</b>	TPD416G2400HC1601	16GB	DS	Team	T4D10248M T-24	16-16-16-39	1.2	•	
<b>Team</b>	TED48G2400C16BK	8GB	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	•
<b>Team</b>	TED432G2400C16QC01	32GB(8GB*4)	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	•
<b>Team</b>	TPRD432G2400HC16QC01	32GB(8GB*4)	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	•
<b>Team</b>	TPD432G2400HC16QC01	32GB(8GB*4)	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	•
<b>Team</b>	TED416G2400C16DC01	16GB(8GB*2)	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	
<b>Team</b>	TPRD416G2400HC16DC01	16GB(8GB*2)	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	
<b>Team</b>	TPD416G2400HC16DC01	16GB(8GB*2)	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	
<b>Team</b>	TED48G2400C1601	8GB	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	
<b>Team</b>	TPRD48G2400HC1601	8GB	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	
<b>Team</b>	TPD48G2400HC1601	8GB	DS	Team	T4D5128HT- 24	16-16-16-39	1.2	•	
<b>Team</b>	TFRD44G2400C15ABK	4GB	SS	Team	T4D5128HT- 24	15-15-15-35	1.2	•	•
<b>Team</b>	TDTRD416G2400HC15AQC01	16GB(4GB*4)	SS	Team	T4D5128HT- 24	15-15-15-35	1.2	•	•

<b>Team</b>	TDTWD416G2400HC15AQC01	16GB(4GB*4)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	•
<b>Team</b>	TDTBD416G2400HC15AQC01	16GB(4GB*4)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	•
<b>Team</b>	TDTRD48G2400HC15ADC01	8GB(4GB*2)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTWD48G2400HC15ADC01	8GB(4GB*2)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTBD48G2400HC15ADC01	8GB(4GB*2)	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTRD44G2400HC15A01	4GB	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTWD44G2400HC15A01	4GB	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTBD44G2400HC15A01	4GB	SS	Team	T4D5128HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TFRD48G2400C15ABK	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	•
<b>Team</b>	TDTRD432G2400HC15AQC01	32GB(8GB*4)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	•
<b>Team</b>	TDTWD432G2400HC15AQC01	32GB(8GB*4)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	•
<b>Team</b>	TDTBD432G2400HC15AQC01	32GB(8GB*4)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	•
<b>Team</b>	TDTRD416G2400HC15ADC01	16GB(8GB*2)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTWD416G2400HC15ADC01	16GB(8GB*2)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTBD416G2400HC15ADC01	16GB(8GB*2)	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTRD48G2400HC15A01	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTWD48G2400HC15A01	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TDTBD48G2400HC15A01	8GB	SS	Team	T4D10248HT-24	15-15-15-35	1.2	•	
<b>Team</b>	TFWD416G2400C15BBK(XMP)	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	•	•



<b>Team</b>	TDTRD464G2400HC15BQC01	64GB(16GB*4)	DS	Team	PP020-093E	15-17-17-35	1.2	•	•
<b>Team</b>	TDTWD464G2400HC15BQC01	64GB(16GB*4)	DS	Team	PP020-093E	15-17-17-35	1.2	•	•
<b>Team</b>	TDTBD464G2400HC15BQC01	64GB(16GB*4)	DS	Team	PP020-093E	15-17-17-35	1.2	•	•
<b>Team</b>	TDTRD432G2400HC15BDC01	32GB(16GB*2)	DS	Team	PP020-093E	15-17-17-35	1.2	•	
<b>Team</b>	TDTWD432G2400HC15BDC01	32GB(16GB*2)	DS	Team	PP020-093E	15-17-17-35	1.2	•	
<b>Team</b>	TDTBD432G2400HC15BDC01	32GB(16GB*2)	DS	Team	PP020-093E	15-17-17-35	1.2	•	
<b>Team</b>	TDTRD416G2400HC15B01	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	•	
<b>Team</b>	TDTWD416G2400HC15B01	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	•	
<b>Team</b>	TDTBD416G2400HC15B01	16GB	DS	Team	PP020-093E	15-17-17-35	1.2	•	
<b>V-color</b>	TC48G24S817-IMS	8GB	SS	-	-	17-17-17-39	1.2	•	•
<b>V-color</b>	TD4G8C17-UH	4GB	SS	V-color	DW3J0460H M	15-15-15-36	1.2	•	•
<b>V-color</b>	TD8G16C17-UH	8GB	DS	V-color	A4G8H- 24CS	17-17-17-39	1.2	•	•

#### DDR4 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (C	
								2 DIMM	4 DIMM
<b>Apacer</b>	78.B1GM3.AF00B	16GB (4x 4GB )	SS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	
<b>Apacer</b>	78.C1GM3.AF10B	32GB (4x 8GB )	DS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	
<b>Apacer</b>	AHU08GGB13CGT7G	32GB (4x 8GB )	DS	Apacer	AM6F60080 THMA1	15-15-15-36	1.2	•	
<b>Apacer</b>	AHU08GGB13CGU7G (EK.08G2R.GDC)	8GB	SS	Apacer	-	15-15-15-36	1.2	•	
<b>Apacer</b>	AU08GGB13CDYBGC (EL.08G2R.GDM)	8GB		Apacer	-	15-15-15-36	1.2	•	

<b>CENTURY MICRO INC</b>	CD8G-D4U2133	8GB	DS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-36	-	●	●
<b>CENTURY MICRO INC</b>	CK8GX4-D4U2133	32GB ( 4x 8GB )	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-35	1.2	●	●
<b>CORSAIR</b>	CMD16GX4M4B2133C10(Ver3.20)(X MP)	16GB ( 4x 4GB )	SS	-	-	10-12-12-31	1.35	●	●
<b>CORSAIR</b>	CMK16GX4M4A2133C13(Ver4.23)(X MP)	16GB ( 4x 4GB )	SS	-	-	13-15-15-28	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M2A2133C13(Ver4.31)(X MP)	32GB ( 2x 16GB )	DS	-	-	13-15-15-28	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2133C13(Ver4.23)(X MP)	32GB ( 4x 8GB )	DS	-	-	13-15-15-28	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2133C15(Ver3.20)	32GB ( 4x 8GB )	DS	-	-	15-15-15-36	1.2	●	●
<b>CORSAIR</b>	CMK32GX4M4A2133C15(Ver5.29)	32GB ( 4x 8GB )	DS	-	-	15-15-15-36	1.2	●	●
<b>CORSAIR</b>	CMK64GX4M8A2133C13(Ver3.20)(X MP)	64GB ( 8x 8GB )	DS	-	-	13-15-15-28	1.2	●	●
<b>CORSAIR</b>	CMK64GX4M8A2133C13(Ver4.23)(X MP)	64GB ( 8x 8GB )	DS	-	-	13-15-15-28	1.2	●	●
<b>CORSAIR</b>	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	1.2	●	●
<b>CORSAIR</b>	CMV16GX4M1A2133C15	16GB	DS	-	-	15-15-15-36	-	●	●
<b>CORSAIR</b>	CMV4GX4M1A2133C15	4GB	SS	-	-	15-15-15-36	1.2	●	●
<b>CORSAIR</b>	CMV8GX4M1A2133C15	8GB	DS	-	-	15-15-15-36	1.2	●	●
<b>crucial</b>	CT16G4DFD8213.16FB1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	●	●
<b>crucial</b>	CT4G4DFS8213.8FA1	4GB	SS	Micron	D9RGQ	15-15-15-37	1.2	●	●
<b>crucial</b>	CT4G4DFS8213.8FA2	4GB	SS	Micron	D9RGQ	15-15-15-36	1.2	●	●
<b>crucial</b>	CT4G4DFS8213.8FB1	4GB	SS	-	-	15-15-15-36	1.2	●	●
<b>crucial</b>	CT8G4DFD8213.16FA1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	●	●
<b>crucial</b>	CT8G4DFS8213.8FB1	8GB	SS	-	-	15-15-15-36	1.2	●	●
<b>Foxtconn</b>	FEU4GN51208JC2133F	4GB	SS	Nanya	NT5AD512M 8B1-FM	15-15-15-36	-	●	●
<b>G.SKILL</b>	F4-2133C15Q-16GRR	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-16GVR	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-16GVB	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-16GVG	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-16GVK	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-16GVS	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-16GRK	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	●	●

<b>G.SKILL</b>	F4-2133C15Q-16GRB	16GB ( 4x 4GB )	SS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q2-128GVK	128GB ( 8x 16GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q2-128GVR	128GB ( 8x 16GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q2-64GRR	64GB ( 8x 8GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q2-64GRB	64GB ( 8x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GRR	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GVR	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GVB	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GVG	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GVK	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GVS	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GRK	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>G.SKILL</b>	F4-2133C15Q-32GRB	32GB ( 4x 8GB )	DS			15-15-15-35	1.2	●	●
<b>GeIL</b>	GPR416GB2133C15QC	16GB ( 4x 4GB )	SS	-	-	15-15-15-36	1.2	●	●
<b>GeIL</b>	GPR432GB2133C15QC	32GB ( 4x 8GB )	SS	-	-	15-15-15-36	1.2	●	●
<b>Hyper X</b>	HX421C13SB/4(XMP)	4GB	SS	-	-	13-13-13-36	1.2	●	
<b>Hyper X</b>	HX421C13SB/8(XMP)	8GB	DS	-	-	13-13-13-36	1.2	●	●
<b>Hyper X</b>	HX421C13SBK2/16(XMP)	16GB ( 2x 8GB )	DS	-	-	13-13-13-36	1.2	●	
<b>Hyper X</b>	HX421C13SBK2/8(XMP)	8GB ( 2x 4GB )	SS	-	-	13-13-13-36	1.2	●	
<b>Hyper X</b>	HX421C13SBK4/16(XMP)	16GB ( 4x 4GB )	SS	-	-	13-13-13-36	1.2	●	
<b>Hyper X</b>	HX421C13SBK4/32(XMP)	32GB ( 4x 8GB )	DS	-	-	13-13-13-36	1.2	●	●
<b>Hyper X</b>	HX421C14FB/4	4GB	SS	-	-	14-14-14-35	1.2	●	
<b>Hyper X</b>	HX421C14FB/8	8GB	DS	-	-	14-14-14-35	1.2	●	●
<b>Hyper X</b>	HX421C14FB2K4/32(XMP)	32GB ( 4x 8GB )	SS	-	-	14-14-14-35	1.2	●	●
<b>Hyper X</b>	HX421C14FBK2/16	16GB ( 2x 8GB )	DS	-	-	14-14-14-35	1.2	●	
<b>Hyper X</b>	HX421C14FBK2/8	8GB ( 2x 4GB )	SS	-	-	14-14-14-35	1.2	●	
<b>Hyper X</b>	HX421C14FBK4/16	16GB ( 4x 4GB )	SS	-	-	14-14-14-35	1.2	●	
<b>Hyper X</b>	HX421C14FBK4/32	32GB ( 4x 8GB )	DS	-	-	14-14-14-35	1.2	●	●
<b>Hyper X</b>	HX421C14FBK4/64	64GB ( 4x 16GB )	DS	-	-	15-15-15-35	1.2	●	●
<b>Hyper X</b>	HX421C14FBK8/64	64GB ( 8x 8GB )	DS	-	-	14-14-14-35	1.2	●	●
<b>Kingston</b>	KVR21N15D8/16	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	●	●
<b>Kingston</b>	KVR21N15D8/8	8GB	DS	SK Hynix	H5AN4G8N AFR	15-15-15-36	1.2	●	●
<b>Kingston</b>	KVR21N15D8/8	8GB	DS	SK hynix	H5AN4G8N MFRFC	15-15-15-37	1.2	●	●
<b>Kingston</b>	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8N AFR	15-15-15-36	1.2	●	●

<b>Kingston</b>	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8N AFRTFC	15-15-15-36	1.2	•	•
<b>Kingston</b>	KVR21N15S8/4	4GB	SS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-37	1.2	•	•
<b>Klevv</b>	IM44GU48N21-FFFHAB(XMP)	4GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM48GU88N21-FFFHMB(XMP)	8GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	IM4AGU88N21-FFFHMB(XMP)	16GB	DS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C4GX4N-2133-15-15-15-35-0	4GB	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C4GX4N-2133-15-15-15-35-1	16GB ( 4x 4GB )	SS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C8GX4N-2133-15-15-15-35-0	8GB	DS	-	-	15-15-15-35	1.2	•	•
<b>Klevv</b>	KM4C8GX4N-2133-15-15-15-35-1	32GB ( 4x 8GB )	DS	-	-	15-15-15-35	1.2	•	•
<b>Micron</b>	MTA16ATF2G64AZ-2G1B1	16GB	DS	Micron	D9TBH	15-15-15-36	1.2	•	•
<b>Micron</b>	MTA8ATF1G64AZ-2G1B1	8GB	SS	-	-	15-15-15-36	1.2	•	•
<b>Micron</b>	MTA16ATF1G64AZ-2G1A1	8GB	DS	Micron	D9RGQ	15-15-15-37	1.2	•	•
<b>Micron</b>	MTA8ATF51264AZ-2G1A2	4GB	SS	Micron	D9RG0	15-15-15-36	-	•	•
<b>Micron</b>	MTA8ATF51264AZ-2G1A1	4GB	SS	Micron	D9RGQ	15-15-15-37	1.2	•	•
<b>panram</b>	W4U2133PS-8G	8GB	SS	panram	DTCCH872 HA2	16-16-16-36	-	•	•
<b>SanMax</b>	SMD-4G28HP-21P	4GB	SS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-37	-	•	•
<b>SanMax</b>	SMD-8G28HP-21P	8GB	DS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-37	-	•	•
<b>Silicon Power</b>	SP004GBLFU213N01	4GB	SS	Samsung	K4A4G085W D	15-15-15-37	-	•	•
<b>Silicon Power</b>	SP008GBLFU213N01	8GB	DS	Samsung	K4A4G085W D	15-15-15-37	-	•	•
<b>SK Hynix</b>	HMA41GU7AFR8N-TF	8GB	DS	SK Hynix	H5AN4G8N AFRTFC	15-15-15-36	-	•	•
<b>SK Hynix</b>	HMA41GU6MFR8N-TF	8GB	DS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-37	1.2	•	•
<b>SK Hynix</b>	HMA451U7AFR8N-TF	4GB	SS	SK Hynix	H5AN4G8N AFR	15-15-15-36	-	•	•
<b>SK Hynix</b>	HMA451U6MFR8N	4GB	SS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	•
<b>SK Hynix</b>	HMA82GU6MFR8N-TF	16GB	DS	SK Hynix	H5AN8G8N MFRTFC	15-15-15-36	-	•	•

<b>SK Hynix</b>	HMA82GU7MFR8N-TF	16GB	DS	SK Hynix	H5AN8G8N MFR	15-15-15-36	-	•	•
<b>SUPER TALENT</b>	FBU2B008GM	8GB	DS	Micron	D9RGQ	15-15-15-36	1.2	•	•
<b>Team</b>	TED416G2133C15BK	16GB	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	•
<b>Team</b>	TED464G2133C15QC01	64GB(16GB*4)	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	•
<b>Team</b>	TPRD464G2133HC15QC01	64GB(16GB*4)	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	•
<b>Team</b>	TPD464G2133HC15QC01	64GB(16GB*4)	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	•
<b>Team</b>	TED432G2133C15DC01	32GB(16GB*2)	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	
<b>Team</b>	TPRD432G2133HC15DC01	32GB(16GB*2)	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	
<b>Team</b>	TPD432G2133HC15DC01	32GB(16GB*2)	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	
<b>Team</b>	TED416G2133C1501	16GB	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	
<b>Team</b>	TPRD416G2133HC1501	16GB	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	
<b>Team</b>	TPD416G2133HC1501	16GB	DS	Team	T4D10248M T-24	15-15-15-36	1.2	•	
<b>Team</b>	TED44GM2133C15ABK	4GB	SS	SK Hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	•
<b>Team</b>	TED48GM2133C15BK	8GB	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	•
<b>Team</b>	TED432G2133C15QC01	32GB(8GB*4)	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	•
<b>Team</b>	TPRD432G2133HC15QC01	32GB(8GB*4)	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	•
<b>Team</b>	TPD432G2133HC15QC01	32GB(8GB*4)	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	•
<b>Team</b>	TED416G2133C15DC01	16GB(8GB*2)	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	
<b>Team</b>	TPRD416G2133HC15DC01	16GB(8GB*2)	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•	

<b>Team</b>	TPD416G2133HC15DC01	16GB(8GB*2)	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•
<b>Team</b>	TED48G2133C1501	8GB	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•
<b>Team</b>	TPRD48G2133HC1501	8GB	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•
<b>Team</b>	TPD48G2133HC1501	8GB	DS	SK hynix	H5AN4G8N MFRTFC	15-15-15-36	1.2	•
<b>UMAX</b>	84G44G93MC-21OMCALGF15	4GB	SS	Micron	D9RGQ	15-15-15-36	-	• •
<b>UMAX</b>	84G48G93MC-21OMCGNGF15	8GB	DS	Micron	D9RGQ	15-15-15-36	-	• •
<b>V-color</b>	TC48G21S815-IMS	8GB	SS	-	-	15-15-15-36	1.2	• •

#### 4 DIMM Slots

For each DRAM channel (A,B,C,D), make sure to install the DRAM module to dark gray slot first.

- **1 DIMM:** Supports one (1) module inserted into any dark gray slot as Single-channel memory configuration. Install the module into the C1 slot for better compatibility.
- **2 DIMMs:** Supports two (2) modules inserted into one pair of dark gray slots as one pair of Dual-channel memory configuration. Install the modules into slots C1 and D1 for better compatibility.
- **4 DIMMs:** Supports four (4) modules inserted into four slots which is located at the right-hand side of CPU socket as two pairs of Quad-channel memory configuration. Install the modules into slots C1/C2/D1/D2 for better compatibility.