

Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
4400	BALLISTIX	8GB	1Rx8	BLM8G44C19U4B	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	8GB	1Rx8	BLM8G44C19U4R	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	8GB	1Rx8	BLM8G44C19U4W	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	8GB	1Rx8	BLM2K8G44C19U4B	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	8GB	1Rx8	BLM2K8G44C19U4R	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	8GB	1Rx8	BLM2K8G44C19U4W	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	16GB	1Rx8	BLM16G44C19U4B	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	16GB	1Rx8	BLM16G44C19U4R	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	16GB	1Rx8	BLM16G44C19U4W	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	16GB	1Rx8	BLM2K16G44C19U4B	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	16GB	1Rx8	BLM2K16G44C19U4R	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4400	BALLISTIX	16GB	1Rx8	BLM2K16G44C19U4W	SS	Micron		19-19-19-46	1.4v	V	v	2666			
4333	CORSAIR	8GB	1Rx8	CMK32GX4M4K4333C19 ver4.31	SS	Samsung		19-26-26-46	1.5v	V	v	2133			
4266	CORSAIR	8GB	1Rx8	CMT64GX4M8X4266C19 ver4.31	SS	Samsung		19-26-26-46	1.45v	V	v	2133	v		
4266	Kingston	8GB	1Rx8	HX442C19PB3K2/16	SS	Samsung		19-26-26-45	1.4v	V	v	2400			
4266	Kingston	8GB	1Rx8	HX442C19PB3K2/16	SS	Hynix		19-26-26-45	1.4v	V	v	2400			
4133	ADATA	8GB	1Rx8	AX4U413338G19-BR80	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-SR80	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-DR80	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-QR80	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-BR41	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-SR41	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-DR41	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-QR41	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19-DR41	SS	Samsung		19-19-19-39	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-ST60	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-SR80	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-SB80	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-ST41	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-SR41	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DR60	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DR80	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DT41	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DR41	SS	Samsung		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-ST60	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DT60	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-SR80	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DR80	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-ST41	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DT41	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-ST50	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DT50	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DW50	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-CBK20	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DCBK20	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-CTG20	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ADATA	8GB	1Rx8	AX4U413338G19J-DCTG20	SS	Hynix D		19-23-23-45	1.4v	V	v	2666	v		
4133	ASTRA GEAR	8GB	1Rx8	AHL19E6SD8G8E8G41K	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	ASTRA GEAR	8GB	1Rx8	AHD1900SD8G8E8G41K	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	CORSAIR	8GB	1Rx8	CMK32GX4M4E4133C19R ver4.31	SS	Samsung		19-25-25-45	1.4v	V	v	2133			
4133	CORSAIR	8GB	1Rx8	CMK64GX4M8X4133C19 ver4.31	SS	Samsung		19-25-25-45	1.4v	V	v	2133			
4133	CORSAIR	8GB	1Rx8	CMK32GX4M4K4133C19 ver4.31	SS	Samsung		19-25-25-45	1.4v	V	v	2133			
4133	G.SKILL	8GB	1Rx8	F4-4133C19D-16GTZA	SS	Samsung		19-21-21-41	1.35v	V	v	2133			
4133	G.SKILL	8GB	1Rx8	F4-4133C19D-16GTZKW	SS	Samsung		19-21-21-41	1.35v	V	v	2133			
4133	G.SKILL	8GB	1Rx8	F4-4133C19D-16GTZC	SS	Samsung		19-19-19-39	1.35v	V	v	2133			
4133	G.SKILL	8GB	1Rx8	F4-4133C19D-16GTZR	SS	Samsung		19-19-19-39	1.35v	V	v	2133	v		
4133	G.SKILL	8GB	1Rx8	F4-4133C19Q-32GTZR	SS	Samsung		19-21-21-41	1.4v	V	v	2133	v		
4133	G.SKILL	8GB	1Rx8	F4-4133C17Q-32GTZR	SS	Samsung		17-17-17-37	1.4v	V	v	2133	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRAAK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRGPK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRGYK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRSWK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-I2PRASF	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2AAK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2GRK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2GBK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2SOK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E0P2SFK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E6PRAAK	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E6PRAAS	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E6PRNBS	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E6PRNFS	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E6PRNWS	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	V-Color	8GB	1Rx8	TL8G41819D-E6PRNYS	SS	Hynix		19-24-24-44	1.35v	V	v	2666	v		
4133	ZADAK	8GB	1Rx8	ZD4-SPR41C22-08GYB	SS	Samsung B		19-21-21-42	1.4v	V	v	2133	v		
4000	Apacer	8GB	1Rx8	AHU08GB40CMU90 EK.08G29.GJG	SS			19-21-21-41	1.35v	V	v	2133			
4000	BALLISTIX	8GB	1Rx8	BLM8G40C18U4B	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	8GB	1Rx8	BLM8G40C18U4R	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	8GB	1Rx8	BLM8G40C18U4W	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	8GB	1Rx8	BLM2K8G40C18U4B	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	8GB	1Rx8	BLM2K8G40C18U4R	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	8GB	1Rx8	BLM2K8G40C18U4W	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	8GB	1Rx8	BLM8G40C18U4BL	SS	Micron		18-19-19-39	1.35v	V	v	2666	v		
4000	BALLISTIX	8GB	1Rx8	BLM8G40C18U4RL	SS	Micron		18-19-19-39	1.35v	V	v	2666	v		
4000	BALLISTIX	8GB	1Rx8	BLM8G40C18U4WL	SS	Micron		18-19-19-39	1.35v	V	v	2666	v		
4000	BALLISTIX	8GB	1Rx8	BLM2K8G40C18U4BL	SS	Micron		18-19-19-39	1.35v	V	v	2666	v		
4000	BALLISTIX	8GB	1Rx8	BLM2K8G40C18U4RL	SS	Micron		18-19-19-39	1.35v	V	v	2666	v		
4000	BALLISTIX	8GB	1Rx8	BLM2K8G40C18U4WL	SS	Micron		18-19-19-39	1.35v	V	v	2666	v		
4000	BALLISTIX	16GB	1Rx8	BLM16G40C18U4B	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	16GB	1Rx8	BLM16G40C18U4R	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	16GB	1Rx8	BLM16G40C18U4W	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	16GB	1Rx8	BLM2K16G40C18U4B	SS	Micron		18-19-19-39	1.35v	V	v	2666			
4000	BALLISTIX	16GB	1Rx8	BLM2K16G40C18U4R	SS	Micron		18-19-19-39	1.35						

Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
4000	CORSAIR	8GB	1Rx8	CMK16GX4M2B4000C19R ver 4.31	SS	Samsung		19-23-23-45	1.35v	V	v	2133			
4000	CORSAIR	8GB	1Rx8	CMK64GX4M8B4000C19 ver 4.31	SS	Samsung		19-23-23-45	1.35v	V	v	2133			
4000	CORSAIR	8GB	1Rx8	CMW32GX4M4K4000C19 ver 4.31	SS	Samsung		19-23-23-45	1.35v	V	v	2133			
4000	CORSAIR	8GB	1Rx8	CMK96GX4M12P4000C19	SS	Samsung		19-23-23-45	1.35v	V	v	2133			
4000	CORSAIR	8GB	1Rx8	CMT32GX4M4K4000C19 ver 4.31	SS	Samsung		19-23-23-45	1.35v	V	v	2133	v		
4000	G.SKILL	8GB	1Rx8	F4-4000C19D-16GTZSW	SS	Samsung		19-21-21-41	1.35v	V	v	2133			
4000	G.SKILL	8GB	1Rx8	F4-4000C18Q-32GTZ	SS	Samsung		18-19-19-39	1.35v	V	v	2133			
4000	G.SKILL	8GB	1Rx8	F4-4000C18D-16GTZ	SS	Samsung		18-19-19-39	1.35v	V	v	2133			
4000	G.SKILL	8GB	1Rx8	F4-4000C18Q2-64GTZR	SS	Samsung		18-19-19-39	1.35v	V	v	2133	v		
4000	G.SKILL	16GB	1Rx8	F4-4000C18D-32GTZR	SS			18-22-22-42	1.4v	V	v	2666	v		
4000	GALAX	8GB	1Rx8	HOF4CLCS4000M19SF162C	SS	Samsung		19-25-25-45	1.4v	V	v	2133			
4000	GALAX	8GB	1Rx8	HOF4CXL4CT4000M18ND162C	SS	Samsung		18-20-20-40	1.35v	V	v	2133			
4000	GALAX	8GB	1Rx8	HOF4TJL4BST4000M17MG162C	SS	Samsung		17-19-19-38	1.45v	V	v	2133	v		
4000	Kingston	8GB	1Rx8	HX440C19PB4A/8	SS	Hynix D		19-23-23-42	1.35v	V	v	2400	v		
4000	Kingston	8GB	1Rx8	HX440C19PB4AK2/16	SS	Hynix D		19-23-23-42	1.35v	V	v	2400	v		
4000	KLEVV	8GB	1Rx8	KD48GU880-40B190X	SS	Hynix		19-25-25-45	1.4v	V	v	2666	v		
4000	KLEVV	8GB	1Rx8	KD48GU880-40B190Y	SS	Hynix		19-25-25-45	1.4v	V	v	2666	v		
4000	KLEVV	8GB	1Rx8	KD48GU880-40B190Z	SS	Hynix		19-25-25-45	1.4v	V	v	2666	v		
4000	Neo Forza	8GB	1Rx8	NMUD480E32-4000FB21	SS	Hynix		21-21-21-64	1.4v	V	v	2666	v		
4000	Team	8GB	1Rx8	TXD432G4000HC18EQC01	SS	Samsung		18-20-20-44	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TXD432G4000HC18EQC01	SS	Samsung		18-20-20-44	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TXBD48G4000HC18FBK	SS	Samsung		18-18-18-38	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TDZAD48G4000HC18JBK	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TDZAD416G4000HC18JDC01	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF5D48G4000HC18JBK	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	F6D48G4000HC18JBK	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF1D48G4000HC18JBK	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF2D48G4000HC18JBK	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF5D416G4000HC18JDC01	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF6D416G4000HC18JDC01	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF7D416G4000HC18JDC01	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF8D416G4000HC18JDC01	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF9D416G4000HC18JDC01	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TF0D416G4000HC18JDC01	SS	Hynix		18-22-22-42	1.35v	V	v	2400	v		
4000	Team	8GB	1Rx8	TDZFD416G4000HC16CDC01	SS	Samsung B		16-18-18-38	1.45v	V	v	2400	v		
4000	Team	16GB	1Rx8	TDZAD432G4000HC18LDC01	SS	Hynix M		18-24-24-46	1.4v	V	v	2400	v		
4000	Team	16GB	1Rx8	TXKD432G4000HC18LDC01	SS	Hynix M		18-24-24-46	1.4v	V	v	2400	v		
4000	Team	16GB	1Rx8	TF1D432G4000HC18LDC01	SS	Hynix M		18-24-24-46	1.4v	V	v	2400	v		
4000	Team	16GB	1Rx8	TF1D432G4000HC18LDC01	SS	Hynix M		18-24-24-46	1.4v	V	v	2400	v		
4000	Team	16GB	1Rx8	TXKD464G4000HC18LQC01	SS	Hynix M		18-24-24-46	1.4v	V	v	2400	v		
4000	Team	16GB	1Rx8	TF1D464G4000HC18LQC01	SS	Hynix M		18-24-24-46	1.4v	V	v	2400	v		
4000	Team	16GB	1Rx8	TF1D464G4000HC18LQC01	SS	Hynix M		18-24-24-46	1.4v	V	v	2400	v		
4000	Thermaltake	8GB	1Rx8	R022D408GX2-4000C19A	SS	Hynix	H5AN8G8NDJR-VKC	19-23-23-42	1.35v	V	v	2666	v		
4000	Thermaltake	8GB	1Rx8	R016D408GX2-4000C19A	SS	Hynix	H5AN8G8NDJR-VKC	19-23-23-42	1.35v	V	v	2666	v		
3866	Apacer	8GB	1Rx8	AHU08GGB38CJU5H EK.16GA7.GGBK2	SS	Samsung		18-22-22-42	1.35v	V	v	2133			
3866	CORSAIR	8GB	1Rx8	CMK32GX4M4B3866C18R ver 4.31	SS	Samsung		18-22-22-40	1.35v	V	v	2133			
3800	G.SKILL	8GB	1Rx8	F4-3800C14Q-32GTZN	SS	Samsung		14-16-16-36	1.5v	V	v	2133	v		
3733	AORUS	8GB	1Rx8	GP-ARS16G37	SS	Hynix D		18-22-22-42	1.4v	V	v	2666	v		
3733	Apacer	8GB	1Rx8	AHU08GGB37CEU5H EK.16GA6.GFBK2	SS			17-19-19-39	1.35v	V	v	2133			
3733	CORSAIR	8GB	1Rx8	CMK32GX4M4B3733C17R ver4.31	SS	Samsung		17-19-19-39	1.35v	V	v	2133			
3733	Kingston	8GB	1Rx8	HX437C19FB3A/8	SS	Hynix		19-23-23	1.35v	V	v	2400	v		
3733	Kingston	8GB	1Rx8	HX437C19FB3AK2/16	SS	Hynix		19-23-23	1.35v	V	v	2400	v		
3733	Kingston	8GB	1Rx8	HX437C19FB3/8	SS	Micron		19-23-23	1.35v	V	v	2400	v		
3733	Kingston	8GB	1Rx8	HX437C19FB3K2/16	SS	Micron		19-23-23	1.35v	V	v	2400	v		
3733	Kingston	16GB	2Rx8	HX437C19FB3A/16	DS	Micron		19-23-23	1.35v	V	v	2400	v		
3733	Kingston	16GB	2Rx8	HX437C19FB3AK2/32	DS	Micron		19-23-23	1.35v	V	v	2400	v		
3733	Kingston	16GB	2Rx8	HX437C19FB3/16	DS	Hynix		19-23-23	1.35v	V	v	2400	v		
3733	Kingston	16GB	2Rx8	HX437C19FB3K2/32	DS	Hynix		19-23-23	1.35v	V	v	2400	v		
3600	AORUS	8GB	1Rx8	GP-AR36C18S8K2HU416R	SS	Hynix		18-19-19-39	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-BRZ1	SS	Samsung		16-18-18	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-SRZ1	SS	Samsung		16-18-18	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-DRZ1	SS	Samsung		16-18-18	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-QRZ1	SS	Samsung		16-18-18	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-BR80	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR80	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-DR80	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-QR80	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-BR41	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR41	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-DR41	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-QR41	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-SB30	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-SR30	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DB30	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DR30	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-ST60	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-SR80	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-SB80	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-ST41	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-SR41	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DW60	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DT60	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DR80	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DB80	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DT41	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G18A-DR41	SS	Hynix		18-20-20-42	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-ST60	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR80	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-SB80	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-ST41	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-SR41	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		
3600	ADATA	8GB	1Rx8	AX4U360038G17-DT60	SS	Samsung		17-18-18-38	1.35v	V	v	2666	v		

Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
3600	ADATA	16GB	2Rx8	AX4U3600316G14C-DW50	DS	Samsung B		14-15-15-35	1.45v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-ST50	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-SW50	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-ST41	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-ST60	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-DT50	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-DW50	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-DT41	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-BT41	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	16GB	2Rx8	AX4U3600316G18A-DT60	DS	SpecTek		18-20-20-42	1.35v	V	V	v	2666		v
3600	ADATA	32GB	2Rx8	AX4U3600732G18I-SW50	DS	Micron E		18-22-22-44	1.35v	V	V	v	2666		v
3600	ADATA	32GB	2Rx8	AX4U3600732G18I-ST50	DS	Micron E		18-22-22-44	1.35v	V	V	v	2666		v
3600	ADATA	32GB	2Rx8	AX4U3600732G18I-DT50	DS	Micron E		18-22-22-44	1.35v	V	V	v	2666		v
3600	ADATA	32GB	2Rx8	AX4U3600732G18I-DW50	DS	Micron E		18-22-22-44	1.35v	V	V	v	2666		v
3600	ADATA	32GB	2Rx8	AX4U3600732G18I-QCTG50	DS	Micron E		18-22-22-44	1.35v	V	V	v	2666		v
3600	ADATA	32GB	2Rx8	AX4U3600732G18I-QCWH50	DS	Micron E		18-22-22-44	1.35v	V	V	v	2666		v
3600	Apacer	8GB	1Rx8	AHU08GB36CJU5H	SS			18-18-18-42	1.35v	V	V	v	2400		
3600	BALLISTIX	8GB	1Rx8	BL8G36C16U4B	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		
3600	BALLISTIX	8GB	1Rx8	BL8G36C16U4R	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		
3600	BALLISTIX	8GB	1Rx8	BL8G36C16U4W	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		
3600	BALLISTIX	8GB	1Rx8	BL2K8G36C16U4B	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		
3600	BALLISTIX	8GB	1Rx8	BL2K8G36C16U4R	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		
3600	BALLISTIX	8GB	1Rx8	BL2K8G36C16U4W	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		
3600	BALLISTIX	8GB	1Rx8	BL8G36C16U4BL	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	8GB	1Rx8	BL8G36C16U4RL	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	8GB	1Rx8	BL8G36C16U4WL	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	8GB	1Rx8	BL2K8G36C16U4BL2K	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	8GB	1Rx8	BL2K8G36C16U4RL	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	8GB	1Rx8	BL2K8G36C16U4WL	SS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL16G36C16U4BL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL16G36C16U4RL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL16G36C16U4WL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL2K16G36C16U4BL2K	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL2K16G36C16U4RL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL2K16G36C16U4WL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL16G36C16U4R	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL2K16G36C16U4B	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL2K16G36C16U4R	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	16GB	2Rx8	BL2K16G36C16U4W	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL32G36C16U4B	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL32G36C16U4R	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL32G36C16U4W	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL2K32G36C16U4B	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL2K32G36C16U4R	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL2K32G36C16U4W	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL32G36C16U4BL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL32G36C16U4RL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL32G36C16U4WL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL2K32G36C16U4BL2K	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL2K32G36C16U4RL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	BALLISTIX	32GB	2Rx8	BL2K32G36C16U4WL	DS	Micron		16-18-18-38	1.35v	V	V	v	2666		v
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C18 ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	v	2133		
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C18R ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	v	2133		
3600	CORSAIR	8GB	2Rx8	CMK16GX4M2B3600C18R ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	v	2133		
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4B3600C16R	SS			16-16-16-36	1.35v	V	V	v	2133		
3600	CORSAIR	8GB	1Rx8	CMW32GX4M4C3600C18 ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	v	2133		v
3600	CORSAIR	8GB	1Rx8	CMT32GX4M4C3600C16 ver4.31	SS	Samsung		16-18-18-36	1.35v	V	V	v	2133		v
3600	CORSAIR	8GB	1Rx8	CMK32GX4M4D3600C18 ver3.31	SS	Samsung		18-22-22-42	1.35v	V	V	v	2133		
3600	CORSAIR	8GB	1Rx8	CMT16GX4M2C3600C18 ver4.31	SS	Samsung		18-19-19-39	1.35v	V	V	v	2133		v
3600	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3600C18 ver3.31	SS	Micron		18-22-22-42	1.35v	V	V	v	2133		
3600	CORSAIR	8GB	1Rx8	CMW16GX4M2Z3600C18 ver3.31	SS	Micron		18-22-22-42	1.35v	V	V	v	2133		v
3600	CORSAIR	8GB	1Rx8	CMW32GX4M4D3600C18 ver 3.31	SS	Micron		18-22-22-42	1.35v	V	V	v	2133		v
3600	CORSAIR	16GB	2Rx8	CMK64GX4M4B3600C18 ver 4.31	DS	Samsung		18-19-19-39	1.35v	V	V	v	2133		
3600	CORSAIR	16GB	2Rx8	CMT64GX4M4Z3600C16 ver 4.31	DS	Samsung		16-18-18-36	1.35v	V	V	v	2133		v
3600	CORSAIR	32GB	2Rx8	CMK64GX4M2D3600C18 ver 5.49	DS	Hynix		18-22-22-42	1.35v	V	V	v	2133		
3600	CORSAIR	32GB	2Rx8	CMK256GX4M8D3600C18 ver 5.49	DS	Hynix		18-22-22-42	1.35v	V	V	v	2133		
3600	G.SKILL	8GB	1Rx8	F4-3600C17Q-32GVK	SS			17-18-18-38	1.35v	V	V	v	2133		
3600	G.SKILL	8GB	1Rx8	F4-3600C16D-16GVK	SS			16-16-16-36	1.35v	V	V	v	2133		
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GFX	SS			16-18-18-38	1.35v	V	V	v	2133		
3600	G.SKILL	8GB	1Rx8	F4-3600C17Q-32GTR	SS			17-18-18-38	1.35v	V	V	v	2133		v
3600	G.SKILL	8GB	1Rx8	F4-3600C18D-16GTRX	SS			18-22-22-42	1.35v	V	V	v	2133		
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GTZNC	SS			16-19-19-39	1.35v	V	V	v	2133		v
3600	G.SKILL	8GB	1Rx8	F4-3600C18Q-32GVK	SS	Samsung		18-22-22-42	1.35v	V	V	v	2133		
3600	G.SKILL	8GB	1Rx8	F4-3600C16Q-32GVKC	SS	Hynix		16-19-19-39	1.35v	V	V	v	2133		
3600	G.SKILL	16GB	2Rx8	F4-3600C17Q-64GTZ	DS			17-19-19-39	1.35v	V	V	v	2133		
3600	G.SKILL	16GB	2Rx8	F4-3600C16Q-64GTZRC	DS			16-19-19-39	1.35v	V	V	v	2133		v
3600	G.SKILL	16GB	2Rx8	F4-3600C18Q-64GVK	DS	Samsung		18-22-22-42	1.35v	V	V	v	2133		
3600	G.SKILL	16GB	2Rx8	F4-3600C16Q-64GVKC	DS	Hynix		16-19-19-39	1.35v	V	V	v	2133		
3600	G.SKILL	32GB	2Rx8	F4-3600C18Q-128GVK	DS	Samsung		18-22-22-42	1.35v	V	V	v	2666		
3600	GEIL	8GB	1Rx8	GLS416GB3600C16ADC	SS			16-18-18-36	1.35v	V	V	v	2133		v
3600	GEIL	8GB	1Rx8	GAEXS416GB3600C18ADC	SS			18-20-20-40	1.35v	V	V	v	2133		v
3600	GALAX	8GB	1Rx8	HOF4CAL1CST3600C17LD162C	SS			17-18-18-38	1.35v	V	V	v	2133		
3600	Kingston	8GB	1Rx8	HX436C17PB4/8	SS	Hynix		17-19-19	1.35v	V	V	v	2400		
3600	Kingston	8GB	1Rx8	HX436C17PB4K2/16	SS	Hynix		17-19-19	1.35v	V	V	v	2400		
3600	Kingston	8GB	1Rx8	HX436C17PB4K4/32	SS	Hynix		17-19-19	1.35v	V	V	v	2400		
3600	Kingston	8GB	1Rx8	HX436C17PB4A/8	SS	Hynix		17-19-19	1.35v	V	V	v	2400		v
3600	Kingston	8GB	1Rx8	HX436C17PB4AK2/16	SS	Hynix		17-19-19	1.35v	V	V	v	2400		v
3600	Kingston	8GB	1Rx8	HX436C17PB4AK4/32	SS	Hynix		17-19-19	1.35v	V	V	v	2400		v
3600	Kingston	8GB	1Rx8	HX436C17FB3A/8	SS	Hynix		17-21-21	1.35v	V	V	v	2400		v
3600	Kingston	8GB	1Rx8	HX436C17FB3AK2/16	SS	Hynix		17-21-21	1.35v	V	V	v	2400		v
3600	Kingston	8GB	1Rx8	HX436C17FB3AK4/32	SS	Hynix		17-21-21	1.35v	V	V	v	2400		v
3600	Kingston	8GB	1Rx8	HX436C											







Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
3600	V-Color	16GB	2Rx8	TL16G36818A-E6PRNRS	DS	Hynix		18-22-22-42	1.35V	V	v	2666		v	
3600	V-Color	16GB	2Rx8	TL16G36818A-E6PRNWS	DS	Hynix		18-22-22-42	1.35V	V	v	2666		v	
3600	V-Color	16GB	2Rx8	TL16G36818A-E6PRNYS	DS	Hynix		18-22-22-42	1.35V	V	v	2666		v	
3600	V-Color	16GB	2Rx8	TL16G36818A-E6PRNBS	DS	Hynix		18-22-22-42	1.35V	V	v	2666		v	
3600	ZADAK	8GB	1Rx8	ZD4-TWS36C25-08GYB	SS	Samsung B		18-22-22-38	1.35v	V	v	2133			
3600	ZADAK	8GB	1Rx8	ZD4-SPR36C25-08GYB	SS	Samsung B		18-22-22-38	1.35v	V	v	2133		v	
3600	ZADAK	16GB	2Rx8	ZD4-SPR36C25-16GYB	DS	Samsung B		18-22-22-38	1.35v	V	v	2133		v	
3600	ZADAK	16GB	2Rx8	ZD4-TWS36C25-16GYB	DS	Samsung B		18-22-22-38	1.35v	V	v	2133			
3466	CORSAIR	8GB	1Rx8	CMK32GX4M4B3466C16	SS			16-18-18-36	1.35v	V	V	v	2133		
3466	CORSAIR	8GB	1Rx8	CMK32GX4M4B3466C16R	SS			16-18-18-36	1.35v	V	V	v	2133		
3466	CORSAIR	8GB	2Rx8	CMK16GX4M2B3466C16	DS			16-18-18-36	1.35v	V	v	2133			
3466	CORSAIR	8GB	2Rx8	CMK16GX4M2B3466C16R	DS			16-18-18-36	1.35v	V	v	2133			
3466	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3466C16 ver4.31	SS	Samsung		16-18-18-36	1.35v	V	V	v	2133		
3466	CORSAIR	16GB	2Rx8	CMT64GX4M4C3466C16 ver4.31	DS	Samsung		16-18-18-36	1.35v	V	V	v	2133	v	
3400	G.SKILL	8GB	2Rx8	F4-3400C16Q-32GTZ	DS			16-18-18-38	1.35v	V	V	v	2133		
3400	G.SKILL	8GB	1Rx8	F4-3400C16Q2-64GTZ	SS	Samsung		16-18-18-38	1.35v	V	V	v	2133		
3466	G.SKILL	8GB	1Rx8	F4-3466C16Q2-64GTZ	SS	Samsung		16-18-18-38	1.35v	V	V	v	2133		
3400	G.SKILL	8GB	2Rx8	F4-3400C16D-16GVK	DS			16-18-18-38	1.35v	V	V	v	2133		
3466	G.SKILL	8GB	1Rx8	F4-3466C16D-16GFX	SS			16-16-16-36	1.35v	V	V	v	2133		
3400	G.SKILL	8GB	1Rx8	F4-3400C16D-16GSXW	SS			16-16-16-36	1.35v	V	V	v	2133		
3466	G.SKILL	16GB	2Rx8	F4-3466C16Q-64GTZ	DS	Samsung		16-18-18-38	1.35v	V	V	v	2133		
3466	G.SKILL	16GB	2Rx8	F4-3466C16Q-64GTZ	DS			16-18-18-38	1.35v	V	V	v	2133		
3466	Kingston	8GB	1Rx8	HX434C16FB3AK4/32	SS	Samsung		16-18-18-36	1.35v	V	V	v	3000	v	
3466	Kingston	8GB	1Rx8	HX434C16FB3AK2/16	SS	Samsung		16-18-18-36	1.35v	V	V	v	3000	v	
3466	Kingston	8GB	1Rx8	HX434C16FB3A/8	SS	Samsung		16-18-18-36	1.35v	V	V	v	3000	v	
3466	Kingston	8GB	1Rx8	HX434C16FB3K4/32	SS	Samsung		16-18-18-36	1.35v	V	V	v	3000		
3466	Kingston	8GB	1Rx8	HX434C16FB3K2/16	SS	Samsung		16-18-18-36	1.35v	V	V	v	3000		
3466	Kingston	8GB	1Rx8	HX434C16FB3/8	SS	Samsung		16-18-18-36	1.35v	V	V	v	3000		
3466	Kingston	16GB	2Rx8	HX434C16FB3AK4/64	DS	Samsung		16-18-18-36	1.35v	V	V	v	3000	v	
3466	Kingston	16GB	2Rx8	HX434C16FB3AK2/32	DS	Samsung		16-18-18-36	1.35v	V	V	v	3000	v	
3466	Kingston	16GB	2Rx8	HX434C16FB3A/16	DS	Samsung		16-18-18-36	1.35v	V	V	v	3000	v	
3466	Kingston	16GB	2Rx8	HX434C16FB3K4/64	DS	Samsung		16-18-18-36	1.35v	V	V	v	3000		
3466	Kingston	16GB	2Rx8	HX434C16FB3K2/32	DS	Samsung		16-18-18-36	1.35v	V	V	v	3000		
3466	Kingston	16GB	2Rx8	HX434C16FB3/16	DS	Samsung		16-18-18-36	1.35v	V	V	v	3000		
3466	Kingston	16GB	1Rx8	HX434C17FB4/16	SS	Micron E		17-21-21-39	1.35v	V	V	v	2400		
3466	Kingston	16GB	1Rx8	HX434C17FB4K2/32	SS	Micron E		17-21-21-39	1.35v	V	V	v	2400		
3466	Kingston	16GB	1Rx8	HX434C17FB4K4/64	SS	Micron E		17-21-21-39	1.35v	V	V	v	2400		
3466	Kingston	16GB	1Rx8	HX434C17FB4AK4/64	SS	Micron E		17-21-21-39	1.35v	V	V	v	2400	v	
3466	Kingston	32GB	2Rx8	HX434C17FB3A/32	DS	Micron E		17-21-21-39	1.35v	V	V	v	2400	v	
3466	Kingston	32GB	2Rx8	HX434C17FB3AK2/64	DS	Micron E		17-21-21-39	1.35v	V	V	v	2400	v	
3466	Kingston	32GB	2Rx8	HX434C17FB3AK4/128	DS	Micron E		17-21-21-39	1.35v	V	V	v	2400	v	
3466	KLEVV	8GB	1Rx8	KD48GU880-34A170X	SS			17-19-19-39	1.35v	V	V	v	2666		
3400	PATRIOT	4GB	1Rx8	PV48G340C6K	SS			CL16	1.35v	V	v	2133			
3400	PATRIOT	8GB	1Rx8	PV416G340C6K	SS			CL16	1.35v	V	v	2133			
3333	AORUS	8GB	1Rx8	GP-ARS16G33	SS	Hynix D		18-20-20-40	1.35v	V	v	2666		v	
3333	Kingston	8GB	1Rx8	HX433C16PB3K2/16	SS			16-18-18	1.35v	V	V	v	2133		
3333	Kingston	8GB	1Rx8	HX433C16PB3K4/32	SS			16-18-18	1.35v	V	V	v	2133		
3333	Kingston	8GB	1Rx8	HX433C16PB3K2/16	SS			16-18-18	1.35v	V	V	v	2133		
3333	CORSAIR	16GB	2Rx8	CMK64GX4M4B3333C16	DS			16-18-18-36	1.35v	V	V	v	2133		
3333	CORSAIR	16GB	2Rx8	CMK64GX4M4B3333C16R	DS			16-18-18-36	1.35v	V	V	v	2133		
3300	G.SKILL	8GB	1Rx8	F4-3300C16Q2-64GTZSW	SS	Samsung		16-16-16-36	1.35v	V	V	v	2133		
3300	G.SKILL	16GB	2Rx8	F4-3300C16Q2-128GTZ	DS	Samsung		16-16-16-36	1.35v	V	v	2133			
3200	AORUS	8GB	1Rx8	GP-AR32C16S8K2HU416R	SS	Hynix		16-18-18-38	1.35v	V	v	2666		v	
3200	AORUS	8GB	1Rx8	GP-ARS16G32	SS	Hynix		16-18-18-38	1.35v	V	v	2666		v	
3200	ADATA	8GB	1Rx8	AX4U320038G16-BR80	SS	Hynix		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16-SR80	SS	Hynix		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16-DR80	SS	Hynix		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16-QR80	SS	Hynix		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16-SB30	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-SR30	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-DB30	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-DR30	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-DSZ1	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-DB10	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-DR10	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-BSZ1	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-BB10	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16-BR10	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	8GB	1Rx8	AX4U320038G16A-ST60	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-SB80	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-SR80	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-DT60	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-DW60	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-DB80	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-DR80	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-DB41	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-DR41	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-DT41	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AX4U320038G16A-BW41	SS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3200	ADATA	8GB	1Rx8	AD4U320038G22-SGN	SS	Micron J		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	8GB	1Rx8	AD4U320038G22-RGN	SS	Micron J		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	8GB	1Rx8	AD4U320038G22-DTGN	SS	Micron J		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	8GB	1Rx8	AD4U320038G22-BGN	SS	Micron J		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	8GB	1Rx8	AD4U320088G22-SGN	SS	Micron E		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	8GB	1Rx8	AD4U320088G22-RGN	SS	Micron E		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	8GB	1Rx8	AD4U320088G22-DTGN	SS	Micron E		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	8GB	1Rx8	AD4U320088G22-BGN	SS	Micron E		22-22-22-52	1.20v	V	V	v	3200		
3200	ADATA	16GB	2Rx8	AX4U3200316G16-BR80	SS	Samsung		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-SR80	SS	Samsung		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-DR80	SS	Samsung		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-QR80	SS	Samsung		16-18-18-36	1.35v	V	V	v	2666	v	
3200	ADATA	16GB	2Rx8	AX4U3200316G16-SB30	DS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	16GB	2Rx8	AX4U3200316G16-SR30	DS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	16GB	2Rx8	AX4U3200316G16-DB30	DS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	16GB	2Rx8	AX4U3200316G16-DR30	DS	Hynix		16-18-18-36	1.35v	V	V	v	2133		
3200	ADATA	16GB	2Rx8	AX4U3200316G16-DSZ1											

Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
3200	ADATA	16GB	1Rx8	AD4U3200716G22-RGN	SS	Micron E		22-22-22-52	1.20v	V	V		3200		
3200	ADATA	16GB	1Rx8	AD4U3200716G22-DTGN	SS	Micron E		22-22-22-52	1.20v	V	V		3200		
3200	ADATA	16GB	1Rx8	AD4U3200716G22-BGN	SS	Micron E		22-22-22-52	1.20v	V	V		3200		
3200	Apacer	8GB	1Rx8	AH4U08G32C08YNBAA	SS	Hynix		16-18-18-38	1.35v	V		v	2133		
3200	Apacer	8GB	1Rx8	D12.2724FS.001	SS	Samsung		22-22-22-52	1.20v	V	V		3200		
3200	Apacer	8GB	1Rx8	AU08GGB32CSYBGH	SS	Hynix D		22-22-22-52	1.20v	V	V		3200		
3200	Apacer	16GB	2Rx8	AU16GGB 32CSYBGH	DS	Hynix D		22-22-22-52	1.20v	V	V		3200		
3200	BALLISTIX	8GB	1Rx8	BL8G32C16U4B	SS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	8GB	1Rx8	BL8G32C16U4R	SS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	8GB	1Rx8	BL8G32C16U4W	SS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	8GB	1Rx8	BL2K8G32C16U4B	SS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	8GB	1Rx8	BL2K8G32C16U4R	SS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	8GB	1Rx8	BL2K8G32C16U4W	SS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	8GB	1Rx8	BL8G32C16U4BL	SS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	8GB	1Rx8	BL8G32C16U4RL	SS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	8GB	1Rx8	BL8G32C16U4WL	SS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	8GB	1Rx8	BL2K8G32C16U4BL2K	SS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	8GB	1Rx8	BL2K8G32C16U4RL	SS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	8GB	1Rx8	BL2K8G32C16U4WL	SS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	16GB	2Rx8	BL16G32C16U4B	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL16G32C16U4R	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL16G32C16U4W	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4B	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4R	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4W	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4BL2K	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4RL	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4WL	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	16GB	2Rx8	BL32G32C16U4BL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	16GB	2Rx8	BL32G32C16U4RL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	16GB	2Rx8	BL32G32C16U4WL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4BL2K	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4RL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	16GB	2Rx8	BL2K16G32C16U4WL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	32GB	2Rx8	BL32G32C16U4BL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	32GB	2Rx8	BL32G32C16U4RL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	32GB	2Rx8	BL32G32C16U4WL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	32GB	2Rx8	BL2K32G32C16U4BL2K	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	32GB	2Rx8	BL2K32G32C16U4RL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	32GB	2Rx8	BL2K32G32C16U4WL	DS	Micron		16-18-18-36	1.35v	V		v	2666		v
3200	BALLISTIX	32GB	2Rx8	BL32G32C16U4B	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	32GB	2Rx8	BL32G32C16U4R	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	32GB	2Rx8	BL32G32C16U4W	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	32GB	2Rx8	BL2K32G32C16U4B	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	32GB	2Rx8	BL2K32G32C16U4R	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	BALLISTIX	32GB	2Rx8	BL2K32G32C16U4W	DS	Micron		16-18-18-36	1.35v	V		v	2666		
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4C3200C16	SS			16-18-18-36	1.35v	V	V	v	2133		
3200	CORSAIR	4GB	1Rx8	CMK16GX4M4C3200C16R	SS			16-18-18-36	1.35v	V	V	v	2133		
3200	CORSAIR	8GB	1Rx8	CMK64GX4M8B3200C16	SS			16-18-18-36	1.35v	V	V	v	2133		
3200	CORSAIR	8GB	1Rx8	CMW32GX4M4C3200C16 ver5.32	SS	Hynix		16-18-18-36	1.35v	V		v	2133		v
3200	CORSAIR	8GB	1Rx8	CMT32GX4M4C3200C16 ver4.31	SS	Samsung		16-18-18-36	1.35v	V	V	v	2133		v
3200	CORSAIR	8GB	1Rx8	CMT32GX4M4Z3200C16 ver5.32	SS	Hynix		16-18-18-36	1.35v	V	V	v	2133		v
3200	CORSAIR	8GB	1Rx8	CMK16GX4M2Z3200C16 ver4.31	SS	Samsung		16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	8GB	1Rx8	CMH32GX4M4E3200C16 ver4.32	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		v
3200	CORSAIR	16GB	2Rx8	CMK64GX4M4B3200C16	DS			16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16 ver5.39	DS	Hynix		16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2D3200C16 ver3.31	DS	Micron		16-19-19-36	1.35v	V		v	2133		
3200	CORSAIR	16GB	2Rx8	CMT64GX4M4C3200C16 ver4.31	DS	Samsung		16-18-18-36	1.35v	V	V	v	2133		v
3200	CORSAIR	16GB	2Rx8	CMW32GX4M2Z3200C16 ver3.31	DS	Micron		16-18-18-36	1.35v	V		v	2133		v
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2Z3200C16 ver3.31	DS	Micron		16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16 ver8.31	DS	Nanya B		16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	16GB	2Rx8	CMK32GX4M2B3200C16W ver8.31	DS	Nanya B		16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	32GB	2Rx8	CMK64GX4M2C3200C16 ver 5.49	DS	Hynix		16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	32GB	2Rx8	CMK128GX4M4C3200C16 ver 5.49	DS	Hynix		16-18-18-36	1.35v	V		v	2133		
3200	CORSAIR	32GB	2Rx8	CMT128GX4M4C3200C16 ver 3.44	DS	Micron E		16-18-18-36	1.35v	V	V	v	2133		v
3200	CORSAIR	32GB	2Rx8	CMH64GX4M2E3200C16 ver3.41	DS	Micron E		16-20-20-38	1.35v	V		v	2133		v
3200	CORSAIR	32GB	2Rx8	CMH128GX4M4E3200C16 ver3.41	DS	Micron E		16-20-20-38	1.35v	V	V	v	2133		v
3200	CRUCIAL	4GB	1Rx8	CT4G4DFS632A.4FJ1	SS	Micron		22-22-22-52	1.2v	V	V		3200		
3200	CRUCIAL	8GB	1Rx8	CT8G4DFS832A.8FE1	SS	Micron		22-22-22-52	1.2v	V	V		3200		
3200	CRUCIAL	16GB	2Rx8	CT16G4DFD832A.16FE1	DS	Micron		22-22-22-52	1.2v	V	V		3200		
3200	ChunWell	8GB	1Rx8	MD4U083216	SS			16-18-18-36	1.35v	V	V	v	2133		
3200	GIGABYTE	32GB	2Rx8	GP-D5G64G32	DS	Hynix		16-18-18-38	1.35v	V		v	2666		
3200	G.SKILL	4GB	1Rx8	F4-3200C16Q-16GRK	SS			16-16-16-36	1.35v	V	V	v	2133		
3200	G.SKILL	8GB	2Rx8	F4-3200C16Q-32GVK	DS			16-16-16-36	1.35v	V	V	v	2133		
3200	G.SKILL	8GB	2Rx8	F4-3200C16D-16GVKB	DS			16-18-18-38	1.35v	V		v	2133		
3200	G.SKILL	8GB	1Rx8	F4-3200C14Q2-64GVK	SS	Samsung		14-14-14-34	1.35v	V	V	v	2133		
3200	G.SKILL	8GB	1Rx8	F4-3200C15Q2-64GVR	SS	Samsung		15-15-15-35	1.35v	V	V	v	2133		
3200	G.SKILL	8GB	1Rx8	F4-3200C14Q-32GFX	SS			14-14-14-34	1.35v	V	V	v	2133		
3200	G.SKILL	8GB	1Rx8	F4-3200C16Q-32GTZR	SS			16-18-18-38	1.35v	V	V	v	2133		v
3200	G.SKILL	16GB	2Rx8	F4-3200C16Q-64GVK	DS	Samsung		16-18-18-38	1.35v	V	V	v	2133		
3200	G.SKILL	16GB	2Rx8	F4-3200C14Q-64GVK	DS	Samsung		14-14-14-34	1.35v	V	V	v	2133		
3200	G.SKILL	16GB	2Rx8	F4-3200C14Q2-128GTZ	DS	Samsung		14-14-14-34	1.35v	V	V	v	2133		
3200	G.SKILL	32GB	2Rx8	F4-3200C16Q-128GVK	DS			16-18-18-38	1.35v	V	V	v	2666		
3200	Kingston	4GB	1Rx8	HX432C16FB3K4/16	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400		
3200	Kingston	4GB	1Rx8	HX432C16FB3K2/8	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400		
3200	Kingston	4GB	1Rx8	HX432C16FB3/4	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400		
3200	Kingston	8GB	1Rx8	HX432C16PB3A/8	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	8GB	1Rx8	HX432C16PB3AK2/16	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	8GB	1Rx8	HX432C16PB3AK4/32	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	8GB	1Rx8	HX432C16FB3AK4/32	SS	Hynix		16-18-18	1.35v	V	V	v	2666		v
3200	Kingston	8GB	1Rx8	HX432C16FB3AK2/16	SS	Hynix		16-18-18	1.35v	V	V	v	2666		v
3200	Kingston	8GB	1Rx8	HX432C16FB3A/8	SS	Hynix		16-18-18	1.35v	V	V	v	2666		v

Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
3200	Kingston	16GB	2Rx8	HX432C16PB3AK2/32	DS	Hynix		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	2Rx8	HX432C16PB3/8	DS	Hynix		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	2Rx8	HX432C16PB3AK4/64	DS	Micron		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	2Rx8	HX432C16PB3AK2/32	DS	Micron		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	2Rx8	HX432C16PB3A/16	DS	Micron		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	2Rx8	HX432C16PB3AK4/64	DS	Micron		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	2Rx8	HX432C16PB3K2/32	DS	Micron		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	2Rx8	HX432C16PB3K4/64	DS	Micron		16-18-18-36	1.35v	V	V	v	2400		v
3200	Kingston	16GB	1Rx8	HX432C16FB4/16	SS	Samsung M		16-20-20-39	1.35v	V	V	v	2400		v
3200	Kingston	16GB	1Rx8	HX432C16FB4K2/32	SS	Samsung M		16-20-20-39	1.35v	V	V	v	2400		v
3200	Kingston	16GB	1Rx8	HX432C16FB4K4/64	SS	Samsung M		16-20-20-39	1.35v	V	V	v	2400		v
3200	Kingston	16GB	1Rx8	HX432C16FB4AK4/64	SS	Micron E		16-20-20-39	1.35v	V	V	v	2400		v
3200	Kingston	4GB	1Rx8	KVR32N22S6/4	SS	Micron		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	4GB	1Rx8	KVR32N22S6/4	SS	Micron		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	8GB	1Rx8	KVR32N22S8/8	SS	Micron		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	8GB	1Rx8	KVR32N22S8/8	SS	Micron		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	8GB	1Rx16	KVR32N22S6/8	SS	Micron E		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	16GB	2Rx8	KVR32N22D8/16	DS	Micron		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	16GB	2Rx8	KVR32N22D8/16	DS	Micron		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	16GB	2Rx8	KVR32N22S8/16	SS	Micron E		22-22-22-52	1.2V	V	V	v	3200		v
3200	Kingston	32GB	2Rx8	KVR32N22D8/32	DS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Kingston	32GB	2Rx8	HX432C16FB3/32	DS	Micron		16-20-20	1.35v	V	V	v	2400		v
3200	Kingston	32GB	2Rx8	HX432C16FB3K2/64	DS	Micron		16-20-20	1.35v	V	V	v	2400		v
3200	Kingston	32GB	2Rx8	HX432C16FB3K4/128	DS	Micron		16-20-20	1.35v	V	V	v	2400		v
3200	Kingston	32GB	2Rx8	HX432C16PB3/32	DS	Micron E		16-19-19-36	1.35v	V	V	v	2400		v
3200	Kingston	32GB	2Rx8	HX432C16PB3K2/64	DS	Micron E		16-19-19-36	1.35v	V	V	v	2400		v
3200	Kingston	32GB	2Rx8	HX432C16PB3K4/128	DS	Micron E		16-19-19-36	1.35v	V	V	v	2400		v
3200	Kingston	32GB	2Rx8	HX432C16PB3K8/256	DS	Micron E		16-19-19-36	1.35v	V	V	v	2400		v
3200	PATRIOT	4GB	1Rx8	PV48G320C6K	SS			CL16	1.35v	V	V	v	2133		v
3200	PATRIOT	8GB	1Rx8	PVR416G320C6K	SS			16-18-18-36	1.35v	V	V	v	2133		v
3200	PATRIOT	8GB	1Rx8	PVR416G320C6KW	SS			16-18-18-36	1.35v	V	V	v	2133		v
3200	PATRIOT	16GB	1Rx8	PVB432G320C6K	SS			16-18-18-36	1.35v	V	V	v	2666		v
3200	KLEVV	8GB	1Rx8	IM48G88A32-GHSEZ	DS			16-18-18	1.35v	V	V	v	2133		v
3200	KLEVV	8GB	1Rx8	KD48GU880-32A160T	SS			16-18-18-38	1.35v	V	V	v	2666		v
3200	KLEVV	8GB	1Rx8	KD48GU880-32A160X	SS	Hynix		16-18-18-38	1.35v	V	V	v	2666		v
3200	KLEVV	8GB	1Rx8	KD48GU88D-32N2200	SS			22-22-22-52	1.2v	V	V	v	3200		v
3200	Ramonster	8GB	1Rx8	TR-D43208DTLA2	SS			20-20-20-47	1.35v	V	V	v	2666		v
3200	Samsung	8GB	1Rx16	M378A1G44AB0-CWE	SS			22-22-22-52	1.2v	V	V	v	3200		v
3200	Samsung	16GB	1Rx8	M378A2G43AB3-CWE	SS			22-22-22-52	1.2v	V	V	v	3200		v
3200	Thermaltake	8GB	1Rx8	CL-W252-CA00SW-A	SS	Hynix		16-18-18-38	1.35v	V	V	v	2666		v
3200	Thermaltake	8GB	1Rx8	R009D408GX2-3200C16A Ver 1.1.2	SS	Hynix	H5AN68NCJR-VKC	16-18-18-38	1.35v	V	V	v	2666		v
3200	Thermaltake	8GB	1Rx8	R009D408GX2-3200C16A Ver:1.1.3	SS	Hynix	H5AN68NCJR-VKC	16-18-18-36	1.35v	V	V	v	2666		v
3200	Thermaltake	16GB	1Rx8	R009D416GX2-3200C16A	SS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	v	2666		v
3200	Thermaltake	16GB	1Rx8	R022D416GX2-3200C16A	SS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	v	2666		v
3200	Thermaltake	32GB	2Rx8	R009R432GX2-3200C16A	DS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	v	2666		v
3200	Thermaltake	32GB	2Rx8	R022R432GX2-3200C16A	DS	Hynix	H5ANAG8NAFR-VKC	16-18-18-36	1.35v	V	V	v	2666		v
3200	Team	4GB	1Rx8	TPD4G3200HC22D01	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	4GB	1Rx8	TPRD44G3200HC2201	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	4GB	1Rx8	TPD48G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	4GB	1Rx8	TPRD48G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	8GB	1Rx8	TPD48G3200HC2201	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	8GB	1Rx8	TPRD48G3200HC2201	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	8GB	1Rx8	TPD416G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	8GB	1Rx8	TPRD416G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	8GB	1Rx8	TTCCD416G3200HC22DC01	SS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	8GB	1Rx8	TLZGD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZRD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TDZGD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TDZRD48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF3D48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF4D48G3200HC16C01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZGD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZRD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZGD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZRD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TDZRD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TDZAD416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF3D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF4D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF10D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF13D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF19D416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TTCED416G3200HC16CDC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZGD432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZRD432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF3D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF4D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF10D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF13D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF19D432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TTCED432G3200HC16CQC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZGD464G3200HC16COC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TLZRD464G3200HC16COC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF10D464G3200HC16COC01	SS	Hynix C		16-18-18-38	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF13D464G3200HC14BDC01	SS	Samsung B		14-14-14-34	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF19D464G3200HC14BDC01	SS	Samsung B		14-14-14-34	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF10D432G3200HC14BQC01	SS	Samsung B		14-14-14-34	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF13D464G3200HC14BQC01	SS	Samsung B		14-14-14-34	1.35v	V	V	v	2400		v
3200	Team	8GB	1Rx8	TF10D464G3200HC14BQC01	SS	Samsung B		14-14-14-34	1.35v	V	V	v	2400		v
3200	Team	16GB	2Rx8	TPD416G3200HC2201	DS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	16GB	2Rx8	TPRD416G3200HC2201	DS	Micron		22-22-22-52	1.2v	V	V	v	3200		v
3200	Team	16GB	2Rx8												





Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
3200	Team	32GB	2Rx8	TLZGD464G3200HC16CDC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TLZRD464G3200HC16CDC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TF10D464G3200HC16CDC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TDZRD4128G3200HC16CQC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TDZGD4128G3200HC16CQC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TLZGD4128G3200HC16CQC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TLZRD4128G3200HC16CQC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TF10D4128G3200HC16CQC01	DS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3200	Team	32GB	2Rx8	TLZGD432G3200HC16C01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TDZGD432G3200HC16C01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TDZRD432G3200HC16C01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF30D432G3200HC16C01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF40D432G3200HC16C01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TLZGD464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TLZRD464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	DZGD464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TDZRD464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TDZAD464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF3D464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF4D464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF10D464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF13D464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF1D464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF2D464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TTCED464G3200HC16CDC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TLZGD4128G3200HC16CQC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TLZRD4128G3200HC16CQC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF3D4128G3200HC16CQC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF4D4128G3200HC16CQC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF10D4128G3200HC16CQC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TF13D4128G3200HC16CQC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TTCED4128G3200HC16CQC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TLZGD4256G3200HC16COC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Team	32GB	2Rx8	TLZRD4256G3200HC16COC01	DS	Hynix M		16-18-18-38	1.35v	V	V	v	2400	v	
3200	Neo Forza	8GB	1Rx8	NMUD480E82-3200DB21	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400		
3200	Neo Forza	8GB	1Rx8	NMGD480E82-3200DF20	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400	v	
3200	Neo Forza	8GB	1Rx8	NMGD480E82-3200DE20	SS	Hynix		16-18-18-36	1.35v	V	V	v	2400	v	
3200	tigo	8GB	1Rx16	KT8GU4AE4	SS	Hynix		22-22-22-52	1.2v	V	V		3200		
3200	Kimtigo	16GB	1Rx8	KTFGU4AE8	SS	Hynix		22-22-22-52	1.2v	V	V		3200		
3000	ADATA	8GB	1Rx8	AX4U300038G16-BRZ1	SS	SPECTEK		16-18-18-38	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16-SRZ1	SS	SPECTEK		16-18-18-38	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16-DRZ1	SS	SPECTEK		16-18-18-38	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16-QRZ1	SS	SPECTEK		16-18-18-38	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16-BRZ1	SS	SPECTEK		16-18-18-36	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16-SRZ1	SS	SPECTEK		16-18-18-36	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16-DRZ1	SS	SPECTEK		16-18-18-36	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16-QRZ1	SS	SPECTEK		16-18-18-36	1.35v	V	V	v	2666		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-SB30	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-SR30	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-DB10	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-DR10	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-DSZ1	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-DB30	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-DR30	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-BB10	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-BR10	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	8GB	1Rx8	AX4U300038G16A-BSZ1	SS	Samsung		16-20-20-38	1.35v	V	V	v	2133		
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-ST60	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-SB80	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-DT60	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-DR80	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-DB80	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-DR41	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-DT41	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-BR80	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-BR41	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	ADATA	16GB	2Rx8	AX4U3000316G16A-BT41	DS	Micron		16-20-20-38	1.35v	V	V	v	2133	v	
3000	BALLISTIX	8GB	1Rx8	BL8G30C15U4B	SS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	8GB	1Rx8	BL8G30C15U4R	SS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	8GB	1Rx8	BL8G30C15U4W	SS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	8GB	1Rx8	BL2K8G30C15U4B	SS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	8GB	1Rx8	BL2K8G30C15U4R	SS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	8GB	1Rx8	BL2K8G30C15U4W	SS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	8GB	1Rx8	BL8G30C15U4BL	SS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	8GB	1Rx8	BL8G30C15U4RL	SS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	8GB	1Rx8	BL8G30C15U4WL	SS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	8GB	1Rx8	BL2K8G30C15U4BL2K	SS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	8GB	1Rx8	BL2K8G30C15U4RL	SS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	8GB	1Rx8	BL2K8G30C15U4WL	SS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	16GB	2Rx8	BL16G30C15U4B	DS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	16GB	2Rx8	BL16G30C15U4R	DS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	16GB	2Rx8	BL16G30C15U4W	DS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	16GB	2Rx8	BL2K16G30C15U4B	DS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	16GB	2Rx8	BL2K16G30C15U4R	DS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	16GB	2Rx8	BL2K16G30C15U4W	DS	Micron		15-16-16-35	1.35v	V	V	v	2666		
3000	BALLISTIX	16GB	2Rx8	BL16G30C15U4BL	DS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	16GB	2Rx8	BL16G30C15U4RL	DS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	16GB	2Rx8	BL16G30C15U4WL	DS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	16GB	2Rx8	BL2K16G30C15U4BL2K	DS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	16GB	2Rx8	BL2K16G30C15U4RL	DS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	
3000	BALLISTIX	16GB	2Rx8	BL2K16G30C15U4WL	DS	Micron		15-16-16-35	1.35v	V	V	v	2666	v	

Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P.N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15B ver5.30	SS	Hynix		15-17-17-35	1.35v	V	V	v	2133		
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15R ver5.30	SS	Hynix		15-17-17-35	1.35v	V	V	v	2133		
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15W ver5.30	SS	Hynix		15-17-17-35	1.35v	V	V	v	2133		
3000	CORSAIR	8GB	2Rx8	CM4X8G3000C15K4-CN ver4.24	DS	Samsung		15-17-17-35	1.35v	V	V	v	2133		
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2B3000C15 ver3.32	SS	Micron		15-17-17-35	1.35v	V	V	v	2133		
3000	CORSAIR	8GB	1Rx8	CMK16GX4M2C3000C16 ver3.31	SS	Micron		16-18-18-36	1.35v	V	V	v	2133		
3000	CORSAIR	8GB	1Rx8	CMR16GX4M2C3000C15 ver5.30	SS	Hynix		15-17-17-35	1.35v	V	V	v	2133		v
3000	CORSAIR	8GB	1Rx8	CMW32GX4M4C3000C15 ver5.32	SS	Hynix		15-17-17-35	1.35v	V	V	v	2133		v
3000	CORSAIR	8GB	1Rx8	CMW64GX4M8C3000C15 ver5.32	SS	Hynix		15-17-17-35	1.35v	V	V	v	2133		v
3000	CORSAIR	8GB	1Rx8	CMT32GX4M4C3000C15 ver5.32	SS	Hynix		15-17-17-35	1.35v	V	V	v	2133		v
3000	CORSAIR	16GB	2Rx8	CMK128GX4M8B3000C16	DS			16-18-18-36	1.35v	V	V	v	2133		
3000	CORSAIR	16GB	2Rx8	CMR32GX4M2C3000C15 ver4.31	DS	Samsung		15-17-17-35	1.35v	V	V	v	2133		v
3000	CORSAIR	32GB	2Rx8	CMK64GX4M2C3000C15 ver 5.49	DS	Hynix		15-17-17-35	1.35v	V	V	v	2133		
3000	CORSAIR	32GB	2Rx8	CMW128GX4M4D3000C16 ver 5.49	DS	Hynix		16-20-20-38	1.35v	V	V	v	2133		v
3000	CORSAIR	32GB	2Rx8	CMW256GX4M8D3000C16 ver 3.44	DS	Micron E		16-20-20-38	1.35v	V	V	v	2133		v
3000	G.SKILL	4GB	1Rx8	F4-3000C15Q-16GVR	SS			15-15-15-35	1.35v	V	V	v	2133		
3000	G.SKILL	8GB	1Rx8	F4-3000C15Q2-64GVR	SS			15-15-15-35	1.35v	V	V	v	2133		
3000	G.SKILL	8GB	1Rx8	F4-3000C16D-16GTZR	SS			16-18-18-38	1.35v	V	V	v	2133		v
3000	G.SKILL	16GB	2Rx8	F4-3000C14Q2-128GVKD	DS			14-14-14-34	1.35v	V	V	v	2133		
3000	GALAX	8GB	1Rx8	HOF4CAL1CS3000G16LD162C	SS			16-18-18-38	1.35v	V	V	v	2133		
3000	GALAX	8GB	2Rx8	Gamer II RGB DDR4 3000 16G(8G*2)	DS			16-18-18-38	1.35v	V	V	v	2133		v
3000	GALAX	8GB	1Rx8	GAM4GL4BMT3000G16LD081C	SS			16-18-18-38	1.35v	V	V	v	2133		v
3000	GEIL	8GB	2Rx8	GSB416GB3000C16ADC	DS			16-18-18-36	1.35v	V	V	v	2133		
3000	GEIL	8GB	2Rx8	GSB432GB3000C16AQC	DS			16-18-18-36	1.35v	V	V	v	2133		
3000	GEIL	8GB	1Rx8	GLS416GB3000C16ADC	SS			16-18-18-36	1.35v	V	V	v	2133		v
3000	GEIL	8GB	1Rx8	GLS432GB3000C16AQC	SS			16-18-18-36	1.35v	V	V	v	2133		v
3000	GEIL	8GB	2Rx8	GLS432GB3000C16ADC	DS			16-18-18-36	1.35v	V	V	v	2133		v
3000	GEIL	8GB	2Rx8	GLS464GB3000C16AQC	DS			16-18-18-36	1.35v	V	V	v	2133		v
3000	GLOWAY	8GB	1Rx8	YCT4U3000E16081C	SS			16-18-18-38	1.35v	V	V	v	2400		
3000	Kingston	4GB	1Rx8	HX430C15FB3K4/16	SS	Hynix		15-17-17	1.35v	V	V	v	2133		
3000	Kingston	4GB	1Rx8	HX430C15FB3K2/8	SS	Hynix		15-17-17	1.35v	V	V	v	2133		
3000	Kingston	4GB	1Rx8	HX430C15FB3/4	SS	Hynix		15-17-17	1.35v	V	V	v	2133		
3000	Kingston	8GB	1Rx8	HX430C15PB3K4/32	SS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	8GB	1Rx8	HX430C15PB3K2/16	SS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	8GB	1Rx8	HX430C15PB3/8	SS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	8GB	1Rx8	HX430C15PB3AK4/32	SS	Hynix		15-17-17-36	1.35v	V	V	v	2400		v
3000	Kingston	8GB	1Rx8	HX430C15PB3AK2/16	SS	Hynix		15-17-17-36	1.35v	V	V	v	2400		v
3000	Kingston	8GB	1Rx8	HX430C15PB3A/8	SS	Hynix		15-17-17-36	1.35v	V	V	v	2400		v
3000	Kingston	8GB	1Rx8	HX430C15FB3K4/32	SS	Hynix		15-17-17-36	1.35v	V	V	v	2400		
3000	Kingston	8GB	1Rx8	HX430C15FB3K2/16	SS	Hynix		15-17-17-36	1.35v	V	V	v	2400		
3000	Kingston	8GB	1Rx8	HX430C15FB3/8	SS	Hynix		15-17-17-36	1.35v	V	V	v	2400		
3000	Kingston	8GB	1Rx8	HX430C15FB3AK4/32	SS	Hynix		15-17-17	1.35v	V	V	v	2666		v
3000	Kingston	8GB	1Rx8	HX430C15FB3AK2/16	SS	Hynix		15-17-17	1.35v	V	V	v	2666		v
3000	Kingston	8GB	1Rx8	HX430C15FB3A/8	SS	Hynix		15-17-17	1.35v	V	V	v	2666		v
3000	Kingston	16GB	2Rx8	HX430C15PB3K4/64	DS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	16GB	2Rx8	HX430C15PB3K2/32	DS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	16GB	2Rx8	HX430C15PB3K8/128	DS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	16GB	2Rx8	HX430C15PB3K4/64	DS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	16GB	2Rx8	HX430C15PB3K2/32	DS	Hynix		C15	1.35v	V	V	v	2133		
3000	Kingston	16GB	2Rx8	HX430C15PB3AK4/64	DS	Hynix		15-17-17-36	1.35v	V	V	v	2400		v
3000	Kingston	16GB	2Rx8	HX430C15PB3AK2/32	DS	Hynix		15-17-17-36	1.35v	V	V	v	2400		v
3000	Kingston	16GB	2Rx8	HX430C15PB3A/16	DS	Hynix		15-17-17-36	1.35v	V	V	v	2400		v
3000	Kingston	16GB	2Rx8	HX430C15FB3AK4/64	DS	Hynix		15-17-17	1.35v	V	V	v	2666		v
3000	Kingston	16GB	2Rx8	HX430C15FB3AK2/32	DS	Hynix		15-17-17	1.35v	V	V	v	2666		v
3000	Kingston	16GB	2Rx8	HX430C15FB3A/16	DS	Hynix		15-17-17	1.35v	V	V	v	2666		v
3000	Kingston	16GB	2Rx8	HX430C15FB3K4/64	DS	Hynix		15-17-17	1.35v	V	V	v	2666		
3000	Kingston	16GB	2Rx8	HX430C15FB3K2/32	DS	Hynix		15-17-17	1.35v	V	V	v	2666		
3000	Kingston	16GB	1Rx8	HX430C15FB4/16	SS	Samsung M		16-19-19-36	1.35v	V	V	v	2400		
3000	Kingston	16GB	1Rx8	HX430C15FB4K2/32	SS	Samsung M		16-19-19-36	1.35v	V	V	v	2400		
3000	Kingston	16GB	1Rx8	HX430C15FB4K4/64	SS	Samsung M		16-19-19-36	1.35v	V	V	v	2400		
3000	Kingston	16GB	1Rx8	HX430C15FB4A4/64	SS	Micron E		16-19-19-36	1.35v	V	V	v	2400		v
3000	Kingston	32GB	2Rx8	HX430C15FB3/32	DS	Micron		16-19-19	1.35v	V	V	v	2400		
3000	Kingston	32GB	2Rx8	HX430C15FB3K2/64	DS	Micron		16-19-19	1.35v	V	V	v	2400		
3000	Kingston	32GB	2Rx8	HX430C15FB3K4/128	DS	Micron		16-19-19	1.35v	V	V	v	2400		
3000	Kingston	32GB	2Rx8	HX430C15PB3A/32	DS	Micron E		16-18-18-36	1.35v	V	V	v	2400		v
3000	Kingston	32GB	2Rx8	HX430C15PB3AK2/64	DS	Micron E		16-18-18-36	1.35v	V	V	v	2400		v
3000	Kingston	32GB	2Rx8	HX430C15PB3AK4/128	DS	Micron E		16-18-18-36	1.35v	V	V	v	2400		v
3000	KLEVV	4GB	1Rx8	KM4B4GX1A-3000-15-16-16-36-0	SS			15-16-16-36	1.35v	V	V	v	2400		
3000	KLEVV	4GB	1Rx8	KM4Z4GX1A-3000-15-16-16-36-1	SS			15-16-16-36	1.35v	V	V	v	2400		
3000	KLEVV	8GB	1Rx8	KM4B8GX1A-3000-15-16-16-36-0	SS			15-16-16-36	1.35v	V	V	v	2400		
3000	KLEVV	8GB	1Rx8	KM4Z8GX1A-3000-15-16-16-36-1	SS			15-16-16-36	1.35v	V	V	v	2400		
3000	KLEVV	16GB	2Rx8	KM4B16X1A-3000-15-16-16-36-0	DS			15-16-16-36	1.35v	V	V	v	2400		
3000	KLEVV	16GB	2Rx8	KM4Z16X1A-3000-15-16-16-36-0	DS			15-16-16-36	1.35v	V	V	v	2400		
3000	PATRIOT	4GB	1Rx8	PV4H8G3000C6K	SS			CL16	1.35v	V	V	v	2133		
3000	PATRIOT	8GB	1Rx8	PV416G3000C6K	SS			CL16	1.35v	V	V	v	2133		
3000	Team	8GB	1Rx8	TTZD48G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TLZGD48G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TLZRD48G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TDZGD48G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TDZRD48G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TF3D48G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TF4D48G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TTZD416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TLZGD416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TLZRD416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TDZGD416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TDZRD416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TF3D416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TF4D416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TF1D416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	8GB	1Rx8	TF2D416G3000HC16C01	SS	Spectek		16-18-18-38	1.35v	V	V	v	2400		v
3000	Team	16GB	1Rx8	TLZGD416G3000HC16C01	SS	Micron		16-18-18-38	1.35v	V	V	v	2400		
3000															











**Qualified Vendors List (QVL), Model Name: A520M DS3H (Cezanne)**

Speed	Module Supplier	Density	# of Ranks x DRAM devices	Module P/N.	SS/DS	Chip Brand	Chip P/N.	Timing	Voltage	Memory socket support		XMP	Native	ECC	RGB
										2	4				

• When running XMP at DDR4 3200MHz or higher, the system's stability depends on the CPU's capabilities.

當執行XMP至DDR4 3200MHz或是更高，系統的穩定性會依據CPU的效能而有所差異

• Memory modules listed as above is for reference only. Due to massive memory models in market, we can only verify some of them.

以下所列的記憶體模組僅供參考，因市面上的記憶體模組眾多，我們無法一一驗證

• When enabling Dual Channel mode with two or four memory modules, it is recommended that using the same capacity, brand, speed, and chips of memory modules and also installed in the same color of DDR4 slots.

若要安裝兩支或四支DDR4記憶體模組，建議您使用相同容量/廠牌/速度/顆粒等之記憶體模組。