

# N5 Z690

## DDR4 Qualified Vendors List (QVL)

Last Updated 4/15/2022

Vendor	Part No.	Size Per Stick	Speed	Supported Speed	Chip	SS/DS	1 DIMM	2 DIMM	4 DIMM	OC	BIOS Ver.
ADATA	AX4U41338G19	8GB	4133	4133	SPECTEK	SS	✓	✓		✓	All
ADATA	AX4U41338G19-DT60	8GB	4133	4133		SS	✓	✓		✓	All
ADATA	AX4U41338G19-SR80	8GB	4133	4133		SS	✓	✓		✓	All
ADATA	AX4U360038G17-ST60	8GB	3600	3600	Samsung B-die	SS	✓	✓	✓	✓	All
ADATA	AX4U360038G18A-DT60	8GB	3600	3600	Hynix C	SS	✓	✓	✓	✓	All
ADATA	AX4U320038G16A-BGZ1	8GB	3200	3200	Samsung	SS	✓	✓	✓		All
ADATA	AX4U320038G16-SR80	8GB	3200	3200	Hynix	SS	✓	✓	✓		All
ADATA	AX4U320038G16A-DT60	8GB	3200	3200	Micron E-die	SS	✓	✓	✓		All
ADATA	AX4U3200316G16-DB30	16GB	3200	3200	Hynix J	DS	✓	✓	✓		All
ADATA	AD4U3200716G22-BGN	16GB	3200	3200	SPECTEK	SS	✓	✓	✓		All
ADATA	AX4U300038G16A-DB10	8GB	3000	3000	Samsung C	SS	✓	✓	✓		All
ADATA	AX4U3000316G16A-DT60	16GB	3000	3000	Micron D-die	DS	✓	✓	✓		All
ADATA	AD4X266638G19-BP	8GB	2666	2666	Samsung	SS	✓	✓	✓		All
ADATA	AD4U2666732G19-B	32GB	2666	2666	SPECTEK	DS	✓	✓	✓		All
ANACOMDA	DDR4 3200 RGB ET 8GB UDIMM	8GB	3200	3200		SS	✓	✓	✓		All
ANACOMDA	X018MP0DM5A	8GB	2666	2666		SS	✓	✓	✓		All
BALLISTIX	BLS16G4D32AESB.M16FE1	16GB	3200	3200		DS	✓	✓	✓		All
CENTURY MICRC	CD8G-D4U2666H	8GB	2666	2666		SS	✓	✓	✓		All
CENTURY MICRC	CD4G-D4U2666H	4GB	2666	2666		SS	✓	✓	✓		All
Corsair	CMK16GX4M2Z4000C18 ver 3.31	8GB	4000	4000	Micron	SS	✓	✓		✓	All
Corsair	CMK64GX4M2D3600C18 ver:5.49	32GB	3600	3600	Hynix M-die	DS	✓	✓		✓	All
Corsair	CMW64GX4M4D3600C18 (v3.43)	16GB	3600	3600	Micron	SS	✓	✓	✓	✓	All
Corsair	CMT16GX4M2C3200C16 (v4.32)	8GB	3200	3200	Samsung C	SS	✓	✓	✓		All
Corsair	CM4X16GC3200C16K2E-CN(v4.32)	16GB	3200	3200	Samsung C	DS	✓	✓	✓		All
Corsair	CMK32GX4M2B3200C16 (v8.31)	16GB	3200	3200	Nanya	DS	✓	✓			All
Corsair	CMK32GX4M2B3200C16W (v8.31)	16GB	3200	3200	Nanya	DS	✓	✓			All
Corsair	CMK32GX4M2E3200C16(v4.32)	16GB	3200	3200	Samsung C	DS	✓	✓	✓		All
Corsair	CMT32GX4M4C3000C15 (v4.32)	8GB	3000	3000	Samsung C	SS	✓	✓	✓		All
Corsair	CMK64GX4M2C3000C15 ver:5.49	32GB	3000	3000	Hynix M-die	DS	✓	✓			All
Corsair	CMW256GX4M8D3000C16 (v3.44)	32GB	3000	3000	Micron	DS	✓	✓	✓		All
Corsair	CMW128GX4M4D3000C16 ver:5.49	32GB	3000	3000	Hynix M-die	DS	✓	✓	✓		All
Corsair	CMK128GX4M8A2666C16 ver:3.32	16GB	2666	2666		DS	✓	✓	✓		All
Corsair	CMK32GX4M2A2666C16(v4.32)	16GB	2666	2666	Samsung C	DS	✓	✓			All
Corsair	CMK64GX4M2A2400C16 ver3.44	32GB	2400	2400		DS	✓	✓			All

Crucial	BLM16G44C19U4B.M8FB1	16GB	4400	4400		SS	✓	✓	✓	✓	All
Crucial	BLE8G4D40BEEAK.M8FE1	8GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Crucial	BLM16G40C18U4B.M8FB1	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Crucial	BLE8G4D36BEEAK.M8FE1	8GB	3600	3600		SS	✓	✓	✓	✓	All
Crucial	BL8G36C16U4BL.M8FE1	8GB	3600	3600		SS	✓	✓	✓	✓	All
Crucial	BL8G36C16U4B.M8FE1	8GB	3600	3600		SS	✓	✓	✓	✓	All
Crucial	BL32G36C16U4B.M16FB1	32GB	3600	3600	Micron B-die	DS	✓	✓	✓	✓	All
Crucial	BL16G36C16U4B.M16FE1	16GB	3600	3600	Micron	DS	✓	✓	✓	✓	All
Crucial	BL32G32C16U4B.M16FB1	32GB	3200	3200	Micron B-die	DS	✓	✓	✓		All
Crucial	CT16G4DFD832A.16FE1	16GB	3200	3200	Micron	DS	✓	✓	✓		All
Crucial	BL16G32C16U4BL.M16FE1	16GB	3200	3200	Micron E-die	DS	✓	✓			All
Crucial	BL8G30C15U4B.M8FE1	8GB	3000	3000	Micron E-die	SS	✓	✓	✓		All
Crucial	CT8G4DFS8266.C8FE	8GB	2666	2666	Micron	SS	✓	✓	✓		All
Crucial	CT8G4DFS8266.8FE1	8GB	2666	2666	Micron	SS	✓	✓	✓		All
Crucial	BL8G26C16U4B.8FD	8GB	2666	2666	Micron D-die	SS	✓	✓	✓		All
Crucial	CT32G4DFD8266.16FB1	32GB	2666	2666	Micron	DS	✓	✓	✓		All
Crucial	CT16G4DFD8266.16FE1	16GB	2666	2666	Micron	SS	✓	✓	✓		All
Crucial	BLS16G4D240FSC.16FD	16GB	2400	2400	Micron D-die	DS	✓	✓	✓		All
G.Skill	F4-5066C20D-16GTZR	8GB	5066	5066	Hynix	SS	✓	✓		✓	All
G.Skill	F4-5066C20D-16GTEG	8GB	5066	5066	Hynix	SS	✓	✓		✓	All
G.Skill	F4-5066C20D-16GTRS	8GB	5066	5066	Hynix	SS	✓	✓		✓	All
G.Skill	F4-5066C20D-16GTES	8GB	5066	5066	Hynix	SS	✓	✓		✓	All
G.Skill	F4-5066C20D-16GTRG	8GB	5066	5066	Hynix	SS	✓	✓		✓	All
G.Skill	F4-4400C18D-16GTRS	8GB	4400	4400	Samsung B-die	SS	✓	✓		✓	All
G.Skill	F4-4400C18D-16GVKB	8GB	4400	4400	Hynix D	SS	✓	✓		✓	All
G.Skill	F4-4400C18D-32GVK	16GB	4400	4400	Hynix D	DS	✓	✓		✓	All
G.Skill	F4-4000C18Q-32GTRS	8GB	4000	4000	Hynix	SS	✓	✓		✓	All
G.Skill	F4-3866C18Q-32GTZR	8GB	3866	3866	Samsung B-die	SS	✓	✓		✓	All
G.Skill	F4-3733C18Q-32GTZSW	8GB	3733	3733		SS	✓	✓		✓	All
G.Skill	F4-3600C16Q-32GTZNC	8GB	3600	3600	Hynix J	SS	✓	✓		✓	All
G.Skill	F4-3200C16D-16GTZR	8GB	3200	3200		SS	✓	✓	✓		All
G.Skill	F4-3200C16Q-32GTZN	8GB	3200	3200	Hynix	SS	✓	✓	✓		All
G.Skill	F4-3200C14D-16GTZR	8GB	3200	3200	Samsung	SS	✓	✓	✓		All
G.Skill	F4-3200C16Q2-256GVK	32GB	3200	3200	Hynix	DS	✓	✓	✓		All
G.Skill	F4-3000C16Q-32GTZN	8GB	3000	3000	Hynix	SS	✓	✓	✓		All
GALAX	HOF4CRL1CST4000M19SF162C	8GB	4000	4000		SS	✓	✓		✓	All
HP	V6(7EH67AA#UUF)	8GB	3200	3200		SS	✓	✓			All
Hynix	HMAA4GU6AJR8N-XN	32GB	3200	3200	Hynix	DS	✓	✓	✓		All

HyperX	HX432C16PB3K4/64	16GB	3200	3200	Hynix C	DS	✓	✓	✓		All
HyperX	HX430C15FB3K4/32	8GB	3000	3000	Hynix J	SS	✓	✓	✓		All
HyperX	HX426C16FB3AK4/64	16GB	2666	2666	Hynix J	DS	✓	✓	✓		All
HyperX	HX424C15FB2K4/32	8GB	2400	2400		SS	✓	✓	✓		All
J&A	JR4U2666172408-4M	4GB	2666	2666		SS	✓	✓	✓		All
J&A	JR4U2666172408-16M	16GB	2666	2666		DS	✓	✓	✓		All
Kingston	KF451C20RBK2/16	8GB	5133	5133	Hynix	SS	✓	✓		✓	All
Kingston	KF450C19RBK2/16	8GB	5000	5000	Hynix	SS	✓	✓		✓	All
Kingston	KF448C19RBK2/16	8GB	4800	4800	Hynix	SS	✓	✓		✓	All
Kingston	KF446C19RBAK2/16	8GB	4600	4600	Hynix	SS	✓	✓		✓	All
Kingston	KF446C19RBK2/16	8GB	4600	4600	Hynix	SS	✓	✓		✓	All
Kingston	KF442C19RBK2/16	8GB	4266	4266	Hynix	SS	✓	✓		✓	All
Kingston	KF442C19RBAK2/16	8GB	4266	4266	Hynix	SS	✓	✓		✓	All
Kingston	KF442C19RB1K2/32	16GB	4266	4266	Hynix	DS	✓	✓		✓	All
Kingston	KF440C19RBK2/16	8GB	4000	4000	Hynix	SS	✓	✓		✓	All
Kingston	KF440C19RBAK2/16	8GB	4000	4000	Hynix	SS	✓	✓		✓	All
Kingston	KF440C19RB1K2/32	16GB	4000	4000	Hynix	DS	✓	✓		✓	All
Kingston	KF437C19BBK2/16	8GB	3733	3733	Hynix	SS	✓	✓		✓	All
Kingston	KF437C19BBAK2/16	8GB	3733	3733	Hynix	SS	✓	✓		✓	All
Kingston	KF437C19BB1AK2/32	16GB	3733	3733	Hynix	DS	✓	✓		✓	All
Kingston	KF437C19BB1K2/32	16GB	3733	3733	Hynix	DS	✓	✓		✓	All
Kingston	KF436C16RBK4/32	8GB	3600	3600	Hynix	SS	✓	✓	✓	✓	All
Kingston	KF436C16RBK2/16	8GB	3600	3600	Hynix	SS	✓	✓		✓	All
Kingston	KF436C16RBAK4/32	8GB	3600	3600	Hynix	SS	✓	✓	✓	✓	All
Kingston	KF436C17BBAK2/16	8GB	3600	3600	Hynix	SS	✓	✓		✓	All
Kingston	KF436C17BBAK4/32	8GB	3600	3600	Hynix	SS	✓	✓	✓	✓	All
Kingston	KF436C17BBK2/16	8GB	3600	3600	Hynix	SS	✓	✓		✓	All
Kingston	KF436C17BBK4/32	8GB	3600	3600	Hynix	SS				✓	All
Kingston	KF436C16RBAK2/16	8GB	3600	3600	Hynix	SS	✓	✓		✓	All
Kingston	KF436C18BBAK2/64	32GB	3600	3600	Hynix	DS	✓	✓		✓	All
Kingston	KF436C18BBK4/128	32GB	3600	3600	Hynix	DS	✓	✓	✓	✓	All
Kingston	KF436C18BBAK4/128	32GB	3600	3600	Hynix	DS	✓	✓	✓	✓	All
Kingston	KF436C18BBK2/64	32GB	3600	3600	Hynix	DS	✓	✓		✓	All
Kingston	KF436C18RBAK2/64	32GB	3600	3600	Hynix	DS	✓	✓		✓	All
Kingston	KF436C18RBAK4/128	32GB	3600	3600	Hynix	DS	✓	✓	✓	✓	All
Kingston	KF436C18RBK2/64	32GB	3600	3600	Hynix	DS	✓	✓		✓	All
Kingston	KF436C18RBK4/128	32GB	3600	3600	Hynix	DS	✓	✓	✓	✓	All
Kingston	KF436C16RB1AK4/64	16GB	3600	3600	Hynix	DS	✓	✓	✓	✓	All

Kingston	KF436C16RB1K2/32	16GB	3600	3600	Hynix	DS	✓	✓		✓	All
Kingston	KF436C16RB1K4/64	16GB	3600	3600	Hynix	DS	✓	✓	✓	✓	All
Kingston	KF436C16RB1AK2/32	16GB	3600	3600	Hynix	DS	✓	✓		✓	All
Kingston	HX436C18FB4K4/64	16GB	3600	3600	Micron E-die	SS	✓	✓	✓	✓	All
Kingston	KF436C18BBAK2/32	16GB	3600	3600	Micron	SS	✓	✓		✓	All
Kingston	KF436C18BBAK4/64	16GB	3600	3600	Micron	SS	✓	✓	✓	✓	All
Kingston	KF436C18BBK2/32	16GB	3600	3600	Hynix	SS	✓	✓		✓	All
Kingston	KF436C18BBK4/64	16GB	3600	3600	Hynix	SS	✓	✓	✓	✓	All
Kingston	HX434C17FB3AK4/128	32GB	3466	3466	Micron E-die	DS	✓	✓		✓	All
Kingston	HX432C16PB3/8	8GB	3200	3200	Hynix J	SS	✓	✓	✓		All
Kingston	HX432C16FB3/8	8GB	3200	3200	Micron J-die	SS	✓	✓	✓		All
Kingston	KVR32N22S6/4	4GB	3200	3200	Micron E-die	SS	✓	✓	✓		All
Kingston	HX432C16FB3/4	4GB	3200	3200	Micron B-die	SS	✓	✓	✓		All
Kingston	HX432C16PB3K8/256	32GB	3200	3200	Micron E-die	DS	✓	✓	✓		All
Kingston	HX432C16PB3/16	16GB	3200	3200	Hynix J	DS	✓	✓	✓		All
Kingston	KVR32N22S8/16	16GB	3200	3200	Micron E-die	SS	✓	✓	✓		All
Kingston	KVR32N22D8/16	16GB	3200	3200	Micron E-die	DS	✓	✓	✓		All
Kingston	KVR29N21D8/16	16GB	2933	2933	Micron J-die	DS	✓	✓	✓		All
Kingston	KVR26N19S8/8	8GB	2666	2666	Nanya	SS	✓	✓			All
Kingston	KVR26N19S6/4	4GB	2666	2666	Nanya	SS	✓	✓	✓		All
Kingston	HX426C16FB3K4/128	32GB	2666	2666	Samsung M-die	DS	✓	✓	✓		All
Kingston	KVR26N19D8/16	16GB	2666	2666	Nanya C-die	DS	✓	✓	✓		All
Kingston	KSM26ED8/16ME (ECC)	16GB	2666	2666	Micron E-die	DS	✓	✓	✓		All
Kingston	KVR24N17S8/8	8GB	2400	2400	Hynix J	SS	✓	✓	✓		All
Kingston	HX424C15FB4K4/64	16GB	2400	2400	Samsung M-die	SS	✓	✓	✓		All
KLEVV	KD48GU880-42B190Y	8GB	4266	4266		SS	✓	✓		✓	All
KLEVV	KD48GU880-40B190B	8GB	4000	4000	Hynix D	SS	✓	✓		✓	All
KLEVV	KD48GU880-32A160T	8GB	3200	3200		SS	✓	✓	✓		All
KLEVV	KD48GU481-26N1600	8GB	2666	2666	SK hynix	DS	✓	✓	✓		All
MEMXPRO	D4U-AG26H1G8C2	16GB	2666	2666	Hynix	DS	✓	✓	✓		All
Neo Forza	NMUD480E82-4000FB21	8GB	4000	4000		SS	✓	✓		✓	All
Panram	W4U3200PS-16G	16GB	3200	3200	Hynix A-die	DS	✓	✓	✓		All
Patriot	PVE416G300C6KBL/PE000445	8GB	3000	3000		SS	✓	✓	✓		All
Patriot	PSD416G24002	16GB	2400	2400		DS	✓	✓	✓		All
RAMCENTER	RUD408GS2666CJ12	8GB	2666	2666	Samsung	SS	✓	✓	✓		All
RAMCENTER	RUD408GS2400CH12	8GB	2400	2400	Samsung	SS	✓	✓	✓		All
Samsung	M378A4G43AB2-CWE	32GB	3200	3200	Samsung A	DS	✓	✓			All
Samsung	M378A1K43DB2-CVF [2002]	8GB	2933	2933	Samsung D-die	SS	✓	✓	✓		All

Samsung	M378A4G43AB2-CVF	32GB	2933	2933	Samsung	DS	✓	✓	✓		All
Samsung	M378A1K43CB2-CTD [1951]	8GB	2666	2666	Samsung C	SS	✓	✓	✓		All
Samsung	M378A1K43CB2-CTD	8GB	2666	2666	Samsung	SS	✓	✓	✓		All
Samsung	M378A5244CB0-CTD	4GB	2666	2666	Samsung	SS	✓	✓	✓		All
Samsung	M378A4G43MB1-CTD [2003]	32GB	2666	2666	Samsung M-die	DS	✓	✓	✓		All
Samsung	M378A4G43MB1-CTD	32GB	2666	2666	Samsung	DS	✓	✓	✓		All
Samsung	M378A2G43MX3-CTD [2007]	16GB	2666	2666	Samsung M-die	SS	✓	✓	✓		All
Samsung	M378A2K43CB1-CTD	16GB	2666	2666	Samsung C	DS	✓	✓	✓		All
Team	TF10D416G5066HC20BDC01	8GB	5066	5066	Hynix	SS	✓	✓		✓	All
Team	TXKD432G4400HC19CDC01	16GB	4400	4400	Micron	SS	✓	✓		✓	All
Team	TF13D432G4400HC19CDC01	16GB	4400	4400	Micron	SS	✓	✓		✓	All
Team	TF10D432G4400HC19CDC01	16GB	4400	4400	Micron	SS	✓	✓		✓	All
Team	TXKD432G4266HC19CDC01	16GB	4266	4266	Micron	SS	✓	✓		✓	All
Team	TF10D432G4266HC19CDC01	16GB	4266	4266	Micron	SS	✓	✓		✓	All
Team	TF13D432G4266HC19CDC01	16GB	4266	4266	Micron	SS	✓	✓		✓	All
Team	TF10D464G4000HC18LQC01	16GB	4000	4000	Hynix	SS	✓	✓		✓	All
Team	TXKD464G4000HC18LQC01	16GB	4000	4000	Hynix	SS	✓	✓		✓	All
Team	TXKD464G4000HC18LQC01	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Team	TXKD432G4000HC18LDC01	16GB	4000	4000	Hynix	SS	✓	✓		✓	All
Team	TXKD432G4000HC18LDC01	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Team	TF13D464G4000HC18LQC01	16GB	4000	4000	Hynix	SS	✓	✓		✓	All
Team	TF13D464G4000HC18LQC01	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Team	TF13D432G4000HC18LDC01	16GB	4000	4000	Hynix	SS	✓	✓		✓	All
Team	TDZAD432G4000HC18LDC01	16GB	4000	4000	Hynix	SS	✓	✓		✓	All
Team	TF10D464G4000HC18LQC01	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Team	TF10D432G4000HC18LDC01	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Team	TF10D432G4000HC18LDC01	16GB	4000	4000	Hynix	SS	✓	✓		✓	All
Team	TDZAD432G4000HC18LDC01	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Team	TF13D432G4000HC18LDC01	16GB	4000	4000	Micron	SS	✓	✓	✓	✓	All
Team	TED432G3200C22BK	32GB	3200	3200	SPECTEK	DS	✓	✓			All
Team	TED416G3200C22BK	16GB	3200	3200	SPECTEK	SS	✓	✓	✓		All
ThermalTake	R016D408GX2-4400C19A	8GB	4400	4400	Hynix D	SS	✓	✓		✓	All
ThermalTake	RA24D408GX2-4400C19A	8GB	4400	4400	Hynix	SS	✓	✓		✓	All
ThermalTake	R016D408GX2-4000C19A	8GB	4000	4000	Hynix D	SS	✓	✓		✓	All
ThermalTake	RG09D416GX2-4000C19B	16GB	4000	4000	Hynix C	SS	✓	✓		✓	All
ThermalTake	RG22D416GX2-4000C19B	16GB	4000	4000	Hynix C	SS	✓	✓		✓	All
ThermalTake	R016D416GX2-4000C19A	16GB	4000	4000	Hynix C	SS	✓	✓		✓	All
UMAX	84G48GA3MC-26OMCALGF19T1	8GB	2666	2666		SS	✓	✓	✓		All

UMAX	UMAXD4266616GHS	16GB	2666	2666		DS	✓	✓			All
V-Color	TL8G41819D-E6PRAAK	8GB	4133	4133	Hynix	SS	✓	✓		✓	All
V-Color	TL8G41819D-E0P2AAK	8GB	4133	4133	Hynix D	SS	✓	✓		✓	All
V-Color	TL1641819A-E6PRSWK	16GB	4133	4133	Hynix	SS	✓	✓		✓	All
V-Color	TL48G32S8SRGB16	8GB	3200	3200		SS	✓	✓	✓		All
V-Color	TL48G30S8SRGB15	8GB	3000	3000		SS	✓	✓	✓		All
V-Color	TE416G26D819-UHA (ECC)	16GB	2666	2666	SK hynix	DS	✓	✓	✓		All
Zadak	ZD4-SPR41C22-08GYB	8GB	4133	4133	Samsung B	SS	✓	✓		✓	All