



NVIDIA nForce for Intel
Recommended Memory
List

Updated April 1, 2008

NVIDIA nForce Intel Edition Memory Validation & Compatibility Program

Overview

The objective of the memory testing program is to assess module compliance with respect to the NVIDIA® specifications, so as to provide a guideline for memory compatibility with NVIDIA nForce® Intel Edition media and communications processors.

Listed below are those modules that have passed compatibility testing. The testing is not intended to replace the normal module qualification process. The memory compatibility testing program does not endorse any particular vendor nor warranty the fitness for use of compatible parts. NVIDIA makes no warranty or representation with respect to the accuracy of the test results posted below.

Complete Validation and Compatibility Results include:

- NVIDIA nForce DDR3 Compatible Modules
- NVIDIA nForce DDR2 Compatible Modules
- NVIDIA nForce DRAM Component-level Validated Modules

NVIDIA nForce DDR3 Compatible Modules

Note: nForce 790i Ultra SLI and 790i SLI only support dual channel memory (2 or 4 DIMM configurations). Single channel memory (one DIMM only, or 3 DIMMs only) is not supported.

Memory Speed	Manufacturer	Module Part Number	Module Density	Max modules supported	Supported Slots (0,1,2,3)	MCP
DDR3-2000	CRUCIAL	BL2KIT12864BE2009	2GB Kit	2	1&3	nForce 790i Ultra SLI
DDR3-1800	CORSAIR	TW3X2G1800C7DFNV	2 GB Kit	2	0&2 or 1&3	
	CRUCIAL	BL2KIT12864BE1808	2 GB Kit	2	0&2 or 1&3	
	KINGSTON	KHX14400D3K2/2GN	2 GB Kit	2	0&2 or 1&3	



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	OCZ	OCZ3P18002GK	2 GB Kit	2	0&2 or 1&3	
DDR3-1600	AENEON	AXH760UD20-16H-K-2G	2 GB Kit	4	All	
	KINGSTON	KHX1300D3K2/2GN	2 GB Kit	4	All	
	CORSAIR	TW3X2G1600C7DHXNV	2 GB Kit	4	All	
DDR3-1333	SAMSUNG	M378B2873CZ0-CH9	1GB	4	All	
	QIMONDA	IMSH51U03A1F1C-13H	512MB	4	All	
	HYNIX	HYMT112U64ZNF8-H9	1GB	4	All	
	MICRON	MT8JTF12864AY*1	1GB	4	All	
	ELPIDA	EBJ10UE8BAFA-DJ-E	1GB	4	All	
	HYNIX	HYMT164U64ZNF6-H9	512MB	4	All	
	SAMSUNG	M378B5673CZ0-CH9	2GB	4	All	
	QIMONDA	IMSH1GU13A1F1C-13H	1GB	4	All	
	MICRON	MT16JTF25664AY*2	2GB	4	All	
	HYNIX	HYMT125U64ZNF8-H9	2GB	4	All	
	KINGSTON	KVR1333D3N8K2	1GB	4	All	
DDR3-1066	ELPIDA	EBJ10UE8BAFA-AE-E	1 GB	4	All	nForce 790i Ultra SLI nForce 790i SLI
	ELPIDA	EBJ10UE8BAFA-AG-E	1 GB	4	All	
	ELPIDA	EBJ21UE8BAFA-AG-E	2 GB	4	All	
	HYNIX	HYMT112U64ZNF8-G8	1 GB	4	All	
	HYNIX	HYMT164U64ZNF6-G7	512 MB	4	All	
	HYNIX	HYMT125U64ZNF8-G8	2 GB	4	All	
	MICRON	MT8JTF12864AY-1G1BYES	1 GB	4	All	
	MICRON	MT4JTF646AY-1G1B1	512 MB	4	All	
	MICRON	MT8JTF12864AY-1G1D	1 GB	4	All	
	MICRON	MT16JTF25664AY-1G1BYES	2 GB	4	All	
	MICRON	MT16JTF25664AY-1G1D1	2GB	4	All	
	NANYA	NT512C64B88A0NY-BE	512 MB	4	All	
	NANYA	NT1GC64B8HA0NY-BE	1 GB	4	All	
	QIMONDA	IMSH51U03A1F1C-10G	512 MB	4	All	
	QIMONDA	IMSH51U03A1F1C-10F	512 MB	4	All	
	QIMONDA	IMSH1GU13A1F1C-10F	1GB	4	All	
	QIMONDA	IMSH1GU13A1F1C-10G	1GB	4	All	
	SAMSUNG	M378B2873CZ0-CF8	1 GB	4	All	
	SAMSUNG	M378B5673CZ0-CF8	2 GB	4	All	

NVIDIA nForce DDR2 Compatible Modules

Memory Speed	Timings	Manufacturer	Part Number	Kit Size	Platform
1250 MHz	5-5-5-18 2T	Corsair	TWIN2X2048-10000C5DF	2GB	NFORCE 780i SLI NFORCE 680i SLI
1142 MHz	5-5-5-15 2T	Corsair	TWIN2X2048-9136C5DF	2GB	NFORCE 780i SLI NFORCE 680i SLI
1111 MHz	4-4-4-12 2T	Corsair	TWIN2X2048-8888C4DF	2GB	NFORCE 780i SLI NFORCE 680i SLI
1066 MHz	4-5-5-15 2T	OCZ	OCZ2N10662GK	2GB	NFORCE 780i SLI NFORCE 680i SLI
	4-5-5-15 2T	OCZ	OCZ2N10661G	1GB	
	5-5-5-15 2T	Corsair	TWIN2X2048-8500C5D	2GB	
	5-5-5-15 2T	Corsair	TWIN2X2048-8500C5	2GB	
	5-5-5-15 2T	Kingston	KHX8500D2K2/1G	1GB	
	5-5-5-15 2T	OCZ	OCZ2N1066SR2GK	2GB	
	5-5-5-15 2T	OCZ	OCZ2N1066SR1G	1GB	
	5-5-5-15 2T	PNY	D22GX85GMR	2GB	
900 MHz	4-4-3-15 2T	OCZ	OCZ2N900SR2GK	2GB	NFORCE 780i SLI NFORCE 680i SLI
	4-4-3-15 2T	OCZ	OCZ2N900SR1G	1GB	
	4-4-3-15 2T	OCZ	OCZ2N9002GK	2GB	
	4-4-3-15 2T	OCZ	OCZ2N9001G	1GB	
800 MHz	3-4-3-9 2T	Corsair	TWIN2X2048-6400C3DF	2GB	NFORCE 780i SLI NFORCE 680i SLI NFORCE 680i LT SLI
	4-4-4-12 2T	Corsair	TWIN2X2048-6400C4D	2GB	
	4-4-4-12 2T	Crucial	BL2KIT12864AL804	2GB	
	4-4-4-12 2T	Crucial	BL12864AL804	1GB	
	4-4-4-12 2T	Crucial	BL2KIT12864AA804	2GB	
	4-4-4-12 2T	Crucial	BL2KIT6464AA804	1GB	
	4-4-4-12 2T	Crucial	BL12864AA804	1GB	
	4-4-4-12 2T	Crucial	BL6464AA804	512MB	
	4-4-4-12 2T	Kingston	KHX6400D2LLK2/2GN	2GB	
	4-4-4-12 2T	Kingston	KHX6400D2LLK2/1GN	1GB	
	4-4-4-15 1T	OCZ	OCZ2N800SR2GK	2GB	

	4-4-4-15 1T	OCZ	OCZ2N800SR1G	1GB		
	4-4-4-12 2T	Patriot	PDC22G6400LLK	1GB		
	4-4-4-12 2T	PNY	D22GX64GMR-4	2GB		
	5-5-5-18 2T	A-Data	M2OAD6G3H3166L1E52	512MB	NFORCE 750i SLI NFORCE 650i SLI NFORCE 650i Ultra	
	5-5-5-18 2T	A-Data	M2OAD6G3L4170L1E58	1GB		
	5-5-5-18 2T	Aeneon	AET760UD00-25DB97X	1GB		
	5-5-5-18 2T	Aeneon	AET660UD00-25DB97X	512MB		
	5-5-5-18 2T	Corsair	VS1GB800D2	1GB		
	5-5-5-18 2T	Corsair	VS512MB800D2	512MB		
	5-5-5-18 2T	Crucial	BL12864AA804.16FD3	1GB		
	5-5-5-18 2T	Crucial	BL6464AL804.8FD3	512MB		
	5-5-5-18 2T	Crucial	CT6464AA80E.8FD4	512MB		
	5-5-5-18 2T	Crucial	CT12864AA80E.8FE1	1GB		
	5-5-5-18 2T	Crucial	CT12864AA80E.16FD4	512MB		
	5-5-5-18 2T	Crucial	CT6464AA80E.4FE1	512MB		
	5-5-5-18 2T	Crucial	CT25664AA80E.16FE1	2GB		
	5-5-5-18 2T	Kingmax	KLDC28F-A8KI5-EGES	512MB		
	5-5-5-18 2T	Kingmax	KLdD48F-A8KI5-EHES	1GB		
	5-5-5-16 2T	Kingston	KHX6400D2LLK2/1GN	512MB		
	5-5-5-16 2T	Kingston	KHX6400D2LLK2/2G	1GB		
	5-5-5-18 2T	Kingston	KVR800D2N5/1G	1GB		
	5-5-5-18 2T	Kingston	KVR800D2N5/512	512MB		
	5-5-5-15 2T	Mushkin	996523	1GB		
	5-5-5-18 2T	Mushkin	996533	1GB		
	5-5-5-18 2T	Mushkin	996527	1GB		
	5-5-5-18 2T	OCi	04701G16CZ5U2D	1GB		
	5-5-5-18 2T	OCi	04751208CZ5U2D	512GB		
	5-5-5-15 2T	Smart Technology	SG1286UDR264851NB	1GB		
	5-5-5-18 2T	TwinMOS	8DP25KK5MTFTP	1GB		
	5-5-5-18 2T	TwinMOS	8DP25JK5MTETP	512MB		
667MHz	5-5-5-15 2T	A-Data	M2OAD5G3L4176L1C52	1GB		NFORCE 750i SLI NFORCE 650i SLI
	5-5-5-15 2T	A-Data	M2OAD5G3H3166L1C52	512MB		

	5-5-5-15 2T	A-Data	ADGGE1A16622FZ	1GB	NFORCE 650i Ultra	
	5-5-5-15 2T	Aeneon	AET660UD00-30DB97X	512MB		
	5-5-5-15 2T	Crucial	CT12864AA667.16FD4	1GB		
	5-5-5-15 2T	Crucial	CT6464AA667.8FD7	512MB		
	5-5-5-15 2T	Crucial	CT6464AA667.4FE1	512MB		
	5-5-5-15 2T	Crucial	CT12864AA667.8FE1	1GB		
	5-5-5-15 2T	Crucial	CT25664AA667.16FE1	2GB		
	5-5-5-15 2T	Kingston	KVR667D2N5/512	512MB		
	5-5-5-15 2T	Kingston	KVR667D2N5/1G	1GB		
	5-5-5-15 2T	Kingston	KVR667D2N5/2G	2GB		
	5-5-5-15 2T	Kingmax	KLCC28F-A8KB5-FGES	512MB		
	5-5-5-15 2T	Kingmax	KLCD48F-A8KB5-FHES	1GB		
	5-5-5-15 2T	OCZ	OCZ6671024ELDCGE-K	512MB		
	5-5-5-15 2T	OCI	04751208CX5S1G	512MB		
	5-5-5-15 2T	OCI	04701G16CX5S1G	1GB		
	5-5-5-15 2T	JetRAM	JM667QLJ-512M	512MB		
	5-5-5-15 2T	JetRAM	JM367Q643A-6	512MB		
	5-5-5-15 2T	Ramaxel	RML1520EG38D6W-667	512MB		
	5-5-5-15 2T	Sincere	S10A1C16484CB7	1GB		
	5-5-5-15 2T	Transcend	158739-0029	512MB		
	5-5-5-15 2T	Transcend	167058-3450	512MB		
	5-5-5-15 2T	TwinMOS	8D-23KK5M2FTP	1GB		
	5-5-5-15 2T	TwinMOS	8D-23JK5M2ETP	512MB		
	5-5-5-15 2T	Unifosa	GU34512AJEPN692C4GG	512MB		
	5-5-5-15 2T	Unifosa	GU341G0AJEPN692C4GG	1GB		
533 MHz	4-4-4-12 2T	A-Data	M2OAD2G3L4176L1B52	1GB		NFORCE 750i SLI NFORCE 650i SLI NFORCE 650i Ultra
	4-4-4-16 2T	A-Data	M2OAD2G3H3166L1B52	512MB		
	4-4-4-12 2T	Aeneon	AET660UD00-370B97X	512MB		
	4-4-4-12 2T	Aeneon	AET760UD00-370B97X	1GB		
	4-4-4-12 2T	Corsair	VS1GB533D2	1GB		
	4-4-4-12 2T	Crucial	CT12864AA53E.16FD4	1GB		
	4-4-4-12 2T	Crucial	CT12864AA53E.8FE1	1GB		

	4-4-4-12 2T	Crucial	CT6464AA53E.4FE1	512MB	
	4-4-4-12 2T	Crucial	CT25664AA53E.16FE1	2GB	
	4-4-4-12 2T	Crucial	CT6464AA53E.8FD7	512MB	
	4-4-4-12 2T	Kingston	KVR533D2N4/256	256MB	
	4-4-4-12 2T	Kingston	KVR533D2N4/512	512MB	
	4-4-4-12 2T	Kingston	KVR533D2N4/1G	1GB	
	4-4-4-12 2T	Kingston	KVR533D2N4/2G	2GB	
	4-4-4-12 2T	Sincere	S5A1C132164CB5	512MB	

NVIDIA nForce DRAM Component-level Validated Modules

Memory Speed	Timings	Manufacturer	Module Part Number	Module Density	Platforms
800MHz	5-5-5 2T	Hynix	HYMP564U64BP8-S5 AB	512 MB	NFORCE 780i SLI
	5-5-5 2T	Hynix	HYMP512U64BP8-S5 AB	1 GB	NFORCE 750i SLI
	5-5-5 2T	Micron	MT8HTF6464AY-80ED4	512 MB	NFORCE 680i SLI
	5-5-5 2T	Micron	MT16HTF12864AY-80ED4	1 GB	NFORCE 680i LT SLI
	5-5-5 2T	Nanya	NT1GT64U8HB0BY-25C	1 GB	NFORCE 650i SLI
	5-5-5 2T	Nanya	NT512T64U88B0BY-25C	512 MB	NFORCE 650i Ultra
	5-5-5 2T	Nanya	NT256T64UH4B0FY-25C	256 MB	
	5-5-5 2T	Qimonda	HYS64T128020HU-2.5-B	1 GB	
	5-5-5 2T	Qimonda	HYS64T128020HU-25F-B	1 GB	
	6-6-6 2T	Qimonda	HYS64T64000HU-2.5-B	512 MB	
	5-5-5 2T	Qimonda	HYS64T64000HU-25F-B	512 MB	
	5-5-5 2T	Samsung	M378T6553CZ3-CE7	512 MB	

	5-5-5 2T	Samsung	M378T2953CZ3-CE7	1 GB	
	5-5-5 2T	Hynix	HYMP564U64EP8-S5	512 MB	NFORCE 750i SLI
	5-5-5 2T	Hynix	HYMP564U64CP8-S5	512 MB	NFORCE 650i SLI
	5-5-5 2T	Hynix	HYMP512U64EP8-S5	1 GB	NFORCE 650i Ultra
	5-5-5 2T	Hynix	HYMP512U64CP8-S5	1 GB	
	5-5-5 2T	Qimonda	HYS64T256020EU-25F-C	2 GB	
	5-5-5 2T	Qimonda	HYS64T64000EU-25F-C	512 MB	
	5-5-5 2T	Qimonda	HYS64T128020EU-25F-C	1 GB	
	6-6-6 2T	Qimonda	HYS64T128020EU-25-C	1 GB	
	5-5-5 2T	Micron	MT8HTF12864AY-80EE1	1 GB	
	5-5-5 2T	Micron	MT16HTF12864AY-80ED4	512 MB	
	5-5-5 2T	Micron	MT4HTF6464AY-80EE1	512 MB	
	5-5-5 2T	Micron	MT16HTF25664AY-80EE1	2 GB	
	5-5-5 2T	Samsung	M378T6553EZS-CE7	512 MB	
	5-5-5 2T	Samsung	M378T2953EZS-CE7	1 GB	
	5-5-5 2T	Samsung	M378T2863EZS-CE7	1 GB	
	5-5-5	Elpida	EBE51UD8JWA-8E-E	512MB	
	6-6-6	Elpida	EBE51UD8JWA-8G-E	512MB	
	6-6-6	Elpida	EBE11UD8JWA-8G-E	512MB	
	5-5-5	Elpida	EBE11UD8JWA-8E-E	512MB	
	5-5-5	Elpida	EBE10UE8ACFA-8E-E	1GB	
	6-6-6	Elpida	EBE10UE8ACFA-8G-E	1GB	
	6-6-6	Elpida	EBE21UE8ACFA-8G-E	1GB	
	5-5-5	Elpida	EBE21UE8ACFA-8E-E	1GB	
667MHz	5-5-5 2T	Samsung	M378T5663EZS-CE7	2 GB	
	5-5-5 2T	Hynix	HYMP512U64BP8-Y5	1 GB	NFORCE 780i SLI
	5-5-5 2T	Hynix	HYMP532U64AP6-Y5	256 MB	NFORCE 750i SLI
	5-5-5 2T	Hynix	HYMP564U64BP8-Y5	512 MB	NFORCE 680i SLI

	5-5-5 2T	Micron	MT16HTF12864AY-667D4	1 GB	NFORCE 680i LT SLI
	5-5-5 2T	Micron	MY8HTF6464AY-667D7	512 MB	NFORCE 650i SLI
	5-5-5 2T	Nanya	NT256T64UH4B0FY-3C	256 MB	NFORCE 650i Ultra
	5-5-5 2T	Nanya	NT512T64U88B0BY-3C	512 MB	
	5-5-5 2T	Nanya	NT1GT64U8HB0BY-3C	1 GB	
	5-5-5 2T	Qimonda	HYS64T128020HU-3S-A	1 GB	
	5-5-5 2T	Qimonda	HYS64T32900HU-3S-B	256 MB	
	5-5-5 2T	Qimonda	HYS64T64000HU-3S-B	512 MB	
	5-5-5 2T	Qimonda	HYS64T128920HU-3S-B	1 GB	
	5-5-5 2T	Samsung	M378T2953CZ3-CE6	1 GB	
	5-5-5 2T	Samsung	M378T6553CZ3-CE6	512 MB	
	5-5-5 2T	Samsung	M378T3354CZ0-CE6	256 MB	
	5-5-5 2T	Hynix	HYMP564U64EP8-Y5	512 MB	NFORCE 750i SLI
	5-5-5 2T	Hynix	HYMP564U64CP8-Y5	512 MB	NFORCE 650i SLI
	5-5-5 2T	Hynix	HYMP512U64CP8-Y5	1 GB	NFORCE 650i Ultra
	5-5-5 2T	Hynix	HYMP512U64EP8-Y5	1 GB	
	4-4-4 2T	Qimonda	HYS64T64000HU-3-B	512 MB	
	5-5-5 2T	Qimonda	HYS64T64000EU-3S-B2	512 MB	
	5-5-5 2T	Qimonda	HYS64T128020EU-3S-C	1 GB	
	5-5-5 2T	Qimonda	HYS64T128020EU-3S-B2	1 GB	
	4-4-4 2T	Qimonda	HYS64T128020EU-3-B2	1 GB	
	5-5-5 2T	Qimonda	HYS64T256020EU-3S-B	2 GB	
	4-4-4 2T	Qimonda	HYS64T64000EU-3-B2	512 MB	
	5-5-5 2T	Qimonda	HYS64T64000-3S-C	512 MB	
	4-4-4 2T	Qimonda	HYS64T128020EU-3-C	1 GB	
	5-5-5	Elpida	EBE51UD8JWA-6E-E	512MB	
	6-6-6	Elpida	EBE11UD8JWA-6E-E	512MB	
	5-5-5	Elpida	EBE10UE8ACFA-6E-E	1GB	
	5-5-5	Elpida	EBE21UE8ACFA-6E-E	1GB	

533MHz	5-5-5 2T	Micron	MT8HTF6464AY-667D7	512 MB	
	5-5-5 2T	Micron	MT16HTF12864AY-667D4	1 GB	
	5-5-5 2T	Micron	MT4HTF6464AY-667E1	512 MB	
	5-5-5 2T	Micron	MT8HTF12864AY-667E1	1 GB	
	5-5-5 2T	Micron	MT16HTF25664AY-667E1	2 GB	
	5-5-5 2T	Samsung	M378T6553EZS-CE6	512 MB	
	5-5-5 2T	Samsung	M378T2953EZS-CE6	1 GB	
	5-5-5 2T	Samsung	M378T2863EZS-CE6	1 GB	
	5-5-5 2T	Samsung	M378T5663EZS-CE6	2 GB	
	4-4-4 2T	Hynix	HYMP512U64BP8-C4 AB-T	1 GB	NFORCE 780i SLI
	4-4-4 2T	Hynix	HYMP512U64P8-C4 AA	1 GB	NFORCE 750i SLI
	4-4-4 2T	Hynix	HYMP564U64BP8-C4 AB-T	512 MB	NFORCE 680i SLI
	4-4-4 2T	Micron	MT16HTF12864AY-53ED4	1 GB	NFORCE 680i LT SLI
	4-4-4 2T	Micron	MT8HTF6464AY-53ED7	512 MB	NFORCE 650i SLI
	4-4-4 2T	Micron	MT8HTF6464AY-53EB9	512 MB	NFORCE 650i Ultra
	4-4-4 2T	Nanya	NT512T64U88A0F-37B	512 MB	
	4-4-4 2T	Qimonda	HYS64T256020HU-3.7-A	2 GB	
	4-4-4 2T	Qimonda	HYS72T128020HU-3.7-B	1 GB	
	4-4-4 2T	Qimonda	HYS64T64900HU-3.7-B	512 MB	
	4-4-4 2T	Qimonda	HYS64T32900HU-3.7-B	256 MB	
	4-4-4 2T	Qimonda	HYS64T32000HU-3.7-A	256 MB	
	4-4-4 2T	Samsung	M378T5663AZ3-CD5	2 GB	
	4-4-4 2T	Samsung	M378T2953CZ3-CD5	1 GB	
	4-4-4 2T	Samsung	M378T6553CZ3-CD5	512 MB	
	4-4-4 2T	Hynix	HYMP564U64CP8-C4	512 MB	NFORCE 750i SLI
	4-4-4 2T	Hynix	HYMP564U64EP8-C4	512 MB	NFORCE 650i SLI
	4-4-4 2T	Hynix	HYMP512U64EP8-C4	1 GB	NFORCE 650i Ultra
	4-4-4 2T	Hynix	HYMP512U64CP8-C4	1 GB	

4-4-4 2T	Micron	MT8HTF12864AY-53EE	1 GB
4-4-4 2T	Micron	MT4HTF6464AY-53EE1	512 MB
4-4-4 2T	Micron	MT8HTF12864AY-53EE1	1 GB
4-4-4 2T	Micron	MT16HTF25664AY-53EE1	2 GB
4-4-4 2T	Micron	MT8HTF6464AY-53ED7	512 MB
4-4-4 2T	Samsung	M378T6553EZS-CD5	512 MB
4-4-4 2T	Samsung	M378T2953EZS-CD5	1 GB
4-4-4 2T	Samsung	M378T2863EZS-CD5	1 GB
4-4-4 2T	Samsung	M378T5663EZS-CD5	2 GB