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1. ASUS exclusively provides hyper DIMM support function.
2. Hyper DIMM support is subject to the physical characteristics of individual CPUs.
3. According to Intel spec definition, DDR3-1600 is supported for one DIMM per channel only. ASUS exclusively provides two DDR3-1600 DIMM support for each memory channel.
4. According to Intel CPU spec, CPUs with a core frequency of 2.66G support the maximum DIMM frequency of up to DDR3-1333. To use DIMMs of a higher frequency with a 2.66G CPU, enable the DRAM O.C. Profile feature in BIOS. Refer to section 3.5.1 AI Overclock Tuner in user manual for details.

Part No.										Type	Size	SS/DS	Chip Brand	Chip No.	Timing Label(Bios)	Voltage	IHM socket support (Optional)
G.SKILL	F3-17600CL8T-4GBPS(XMP)	DDR3 2200	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	8-8-24(1333-9-9-9-24)	1.65	A*	B*	C*						
G.SKILL	F3-17600CL9T-6GBPS	DDR3 2200	6GB(2GBx3)	DS	N/A	Heat-Sink Package	9-9-9-24	1.65									
P7P55D PREMIUM DDR3 2133 Qualified Vendors List (QVL) for 2.8 & 2.93GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
G.SKILL	F3-17066CL9T-6GB-T	DDR3 2133	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-8-7-7-20)	1.65	A* B* C*								
P7P55D PREMIUM DDR3 2000 Qualified Vendors List (QVL) for 2.8 & 2.93GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
Apacer	7B.0AGCC-CBZ(XMP)	DDR3 2000	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-27(1066-8-8-8-20)	N/A	A* B* C*								
Crucial	BL12864E4E2009.8SF(B)(EPP)	DDR3 2000	1024MB	SS	N/A	Heat-Sink Package	9-9-9-28(1333-9-9-9-24)	2									
G.SKILL	F3-16000CL7T-6GBPS(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-8-7-20(1066-8-8-8-20)	1.65									
G.SKILL	F3-16000CL9T-6GBPS(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-8-8-8-20)	1.65									
KINGSTON	KHX16000D3K2/GN(EPP)	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-8-8-8-20)	2.0									
KINGSTON	KHX16000D3K3/3GX(XMP)	DDR3 2000	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9(1333-9-9-9-24)	1.65									
KINGSTON	KHX16000D3UL1TK13/6GX(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8(1066-8-8-8-20)	1.65									
KINGSTON	KHX16000D3UL1K13/6GX(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9(1066-8-8-8-20)	1.65									
OCZ	OC23PX12002GK	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9	1.9									
OCZ	OC23P2000EBZG(EPP)	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9	1.9									
OCZ	OC23P2000EBZG	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-8-8(1066-8-7-7-20)	1.8									
Giggle	9CAAS537AZ201D1	DDR3 2000	2048MB	DS	N/A	Heat-Sink Package	9-9-9-24	2									
Patriot	PVS32G2000LLKN	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	2									
P7P55D PREMIUM DDR3 2000 Qualified Vendors List (QVL) for 2.66GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
Apacer	7B.0AGCC-CBZ(XMP)	DDR3 2000	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-27(1066-8-8-8-20)	N/A	A* B* C*								
Crucial	BL12864E4E2009.8SF(B)(EPP)	DDR3 2000	1024MB	SS	N/A	Heat-Sink Package	9-9-9-28(1333-9-9-9-24)	2									
G.SKILL	F3-16000CL7T-6GBPS(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-8-7-20(1066-8-8-8-20)	1.65									
G.SKILL	F3-16000CL9T-6GBPS(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1066-8-8-8-20)	1.65									
KINGSTON	KHX16000D3K2/GN(EPP)	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-8-8-8-20)	2.0									
KINGSTON	KHX16000D3K3/3GX(XMP)	DDR3 2000	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9(1333-9-9-9-24)	1.65									
KINGSTON	KHX16000D3UL1TK13/6GX(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8(1066-8-8-8-20)	1.65									
KINGSTON	KHX16000D3UL1K13/6GX(XMP)	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9(1066-8-8-8-20)	1.65									
OCZ	OC23PX12002GK	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9	1.9									
OCZ	OC23P2000EBZG(EPP)	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9	1.9									
OCZ	OC23P2000EBZG	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-8-8(1066-8-7-7-20)	1.8									
OCZ	OC23BX2000V6BK	DDR3 2000	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-8-7-20(1333-9-9-9-24)	1.65									
Giggle	9CAAS537AZ201D1	DDR3 2000	2048MB	DS	N/A	Heat-Sink Package	9-9-9-24	N/A									
Patriot	PVS32G2000LLKN	DDR3 2000	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-9-9-24(1066-7-7-7-20)	2									
P7P55D PREMIUM DDR3 1866 Qualified Vendors List (QVL) for 2.8 & 2.93GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
CORSAIR	TRX3G31866C9D(XMP)	DDR3 1866	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1866-9-9-9-24)	1.65	A*	B*	C*						
CORSAIR	TRX3G31866C9D	DDR3 1866	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1866-9-9-9-24)	1.65									
KINGSTON	KHX14900D3K3/3GX(XMP)	DDR3 1866	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1866-9-9-9-24)	1.75-1.85									
OCZ	OC23RPR1866C9LV3GK	DDR3 1866	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9(1066-7-7-7-20)	1.65									
Super Talent	W1866UX2GB(XMP)	DDR3 1866	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-24(1333-9-9-9-24)										
Patriot	PVS32G1866L(XMP)	DDR3 1866	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-24(1066-7-7-7-20)	1.9									
Patriot	PVS32G1866L(XMP)	DDR3 1866	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-24(1866-8-8-8-24)	1.9									
P7P55D PREMIUM DDR3 1866 Qualified Vendors List (QVL) for 2.66GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
CORSAIR	TRX3G31866C9D(XMP)Ver4.1	DDR3 1866	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1866-9-9-9-24)	1.65	A*	B*	C*						
CORSAIR	TRX3G31866C9D(XMP)Ver4.1	DDR3 1866	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1866-9-9-9-24)	1.65									
KINGSTON	KHX14900D3K3/3GX(XMP)	DDR3 1866	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9(1333-9-9-9-24)	1.65									
OCZ	OC23RPR1866C9LV3GK	DDR3 1866	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9(1066-7-7-7-20)	1.65									
OCZ	OC23RPR1866C9LV6GK	DDR3 1866	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9(1066-7-7-7-20)	1.65									
OCZ	OC23RPR1866C9LV6GK	DDR3 1866	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9(1066-7-7-7-20)	1.65									
Super Talent	W1866UX2GB(XMP)	DDR3 1866	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-24(1333-9-9-9-24)										
Patriot	PVS32G1866L(XMP)	DDR3 1866	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-24(1066-7-7-7-20)	1.9									
Patriot	PVS32G1866L(XMP)	DDR3 1866	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-24(1866-8-8-8-24)	1.9									
P7P55D PREMIUM DDR3 1800 Qualified Vendors List (QVL) for 2.8 & 2.93GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
Apacer	7B.0AGCC-CBZ(XMP)	DDR3 1800	2048MB(Kit of 2)	DS	N/A	Heat-Sink Package	8-8-8-24(1800-8-8-8-24)	1.8									
CORSAIR	Box/P/N:TW3X4G1800C8DF(CMX32G1800C8D)Ver4.1	DDR3 1800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	8-8-8-24	1.80	A*	B*	C*						
KINGSTON	KHX14400D3/3G	DDR3 1800	1024MB	SS	N/A	Heat-Sink Package		1.9									
KINGSTON	KHX14400D3K2/2GN(EPP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9									
KINGSTON	KHX14400D3K3/3GX(XMP)	DDR3 1800	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	1800-9-9-9-27	1.65									
OCZ	OC23P1800D4GK	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8	1.9									
OCZ	OC23P1800D4GK	DDR3 1800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	8	1.9									
Transcend	TX1800KL1-2GK(XMP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8	N/A									
Patriot	PVS32G1800LLKN(EPP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-20(1066-7-7-7-20)	1.9									
P7P55D PREMIUM DDR3 1800 Qualified Vendors List (QVL) for 2.66GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
Apacer	7B.0AGCC-CBZ(XMP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-24(1800-8-8-8-24)	1.8									
Apacer	Box/P/N:DH.02GAL.F7LK2(7B.0AGCB.BN0)(XMP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	7-7-7-20	N/A									
CORSAIR	Box/P/N:TW3X4G1800C8DF(CMX32G1800C8D)(XMP)Ver4.1	DDR3 1800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	8-8-8-24	1.80	A*	B*	C*						
KINGSTON	KHX14400D3/3G	DDR3 1800	1024MB	SS	N/A	Heat-Sink Package		1.9									
KINGSTON	KHX14400D3K2/2GN(EPP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9									
KINGSTON	KHX14400D3K3/3GX(XMP)	DDR3 1800	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	1800-9-9-9-27	1.65									
OCZ	OC23P1800D4GK	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8	N/A									
OCZ	OC23P1800D4GK	DDR3 1800	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	8	1.9									
Transcend	TX1800KL1-2GK(XMP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8	N/A									
Patriot	PVS32G1800LLKN(EPP)	DDR3 1800	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-20(1066-7-7-7-20)	1.9									
P7P55D PREMIUM DDR3 1625 Qualified Vendors List (QVL) for 2.8 & 2.93GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
KINGSTON	KHX13000D3LK2/2GN(EPP)	DDR3 1625	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9	A*	B*	C*						
KINGSTON	KHX13000D3LK2/2GX(XMP)	DDR3 1625	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9									
KINGSTON	KHX13000D3LK2/2GX(XMP)	DDR3 1625	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9									
P7P55D PREMIUM DDR3 1625 Qualified Vendors List (QVL) for 2.66GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
KINGSTON	KHX13000D3LK2/2GN(EPP)	DDR3 1625	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9	A*	B*	C*						
KINGSTON	KHX13000D3LK2/2GX(XMP)	DDR3 1625	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9									
KINGSTON	KHX13000D3LK2/2GX(XMP)	DDR3 1625	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package		1.9									
P7P55D PREMIUM DDR3 1600 Qualified Vendors List (QVL) for 2.8 & 2.93GHz CPU																	
Vendor	Part No.	Type	Size	SS/DS	Chip Brand	Chip NO.	Timing Label(Bios)	Voltage	IHM socket support (Optional)								
A-DATA	AD31600E001GMU	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24(1333-9-9-9-24)	1.65-1.85	A*	B*	C*						
A-DATA	AD31600F002GMU(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	7-7-7-20(1333-9-9-9-24)	1.75-1.85									
CORSAIR	TRX3G31600C8D(XMP)Ver2.1	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24(1601-8-8-8-24)	1.65									
CORSAIR	TRX3G31600C8D	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	8-8-8-24(1600-8-8-8-24)	1.65									
CORSAIR	TRX3G31600C9(XMP)Ver1.1	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	9-9-9-24(1601-9-9-9-24)	1.65									
CORSAIR	Box/P/N:TW3X4G1600C9DHXNV(CMX32G1600C9DHXNV)Ver4.1	DDR3 1600	4096MB(Kit of 2)	DS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.80									
CORSAIR	TRX3G61600C8D(XMP)Ver2.1	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24(1601-8-8-8-24)	1.65									
CORSAIR	TRX3G61600C8D	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-24(1600-8-8-8-24)	1.65									
Crucial	BL12864BA1608.8SF(B)(XMP)	DDR3 1600	1024MB	SS	N/A	Heat-Sink Package	9-9-9-24(1333-9-9-9-24)	1.8									
G.SKILL	F3-12800CL9D-2GBNQ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1601-8-8-8-24)	1.8									
G.SKILL	F3-12800CL9D-2GBNQ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	(1333-9-9-9-24)	1.6									
G.SKILL	F3-12800CL8T-6GBH(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-21(1333-8-8-8-21)	1.6-1.65									
G.SKILL	F3-12800CL9T-6GBH(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-21(1066-8-8-8-20)	1.6-1.65									
G.SKILL	F3-12800CL9T-6GBH(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	9-9-9-24(1601-9-9-9-24)	1.5-1.6									
G.SKILL	F3-12800CL8T-6GBH(XMP)	DDR3 1600	6144MB(Kit of 3)	DS	N/A	Heat-Sink Package	8-8-8-21(1066-8-8-8-21)	1.6									
G.SKILL	F3-12800CL9T-6GBNQ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	9-9-9-24(1601-9-9-9-24)	1.5-1.6									
G.SKILL	F3-12800CL9T-6GBNQ	DDR3 1600	2048MB(Kit of 2)	SS	N/A	Heat-Sink Package	8-8-8-28(1600-8-8-8-28)	1.6									
KINGMAX	FLGD45F-BBK9G-NAES	DDR3 1600	1024MB	SS	KINGMAX	KFB8FNGXF-ANX-12A	9(1600-9-9-9-28)	1.5									
KINGMAX	FLGE85F-BBK9G-NEES	DDR3 1600	2048MB	SS	KINGMAX	KFB8FNGXF-ANX-12A	9(1600-9-9-9-28)	1.5									
KINGSTON	KHX12800D3LK3/3GX(XMP)	DDR3 1600	3072MB(Kit of 3)	SS	N/A	Heat-Sink Package	(1600-8-8-8-20)	1.65									
KINGSTON	KHX12800D3K3/12GX(XMP)	DDR3 1600	12288MB														

MICR

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|--------|----------------------|-----------|--------|----|--------|-------------|---------|
| MICRON | MT8JTF12684AZ-1G1F1  | DDR3 1067 | 1024MB | SS | MICRON | D9KPT       | 7/1066- |
| MICRON | MT9JSF12672AZ-1G1F1  | DDR3 1067 | 1024MB | SS | MICRON | D9KPT(ECC)  | 7/1066- |
| MICRON | MT16JTF25684AY-1G1D1 | DDR3 1067 | 2048MB | DS | MICRON | 7V2D2       |         |
| MICRON | MT16JTF25684AZ-1G1F1 | DDR3 1067 | 2048MB | DS | MICRON | 8ZF22 D9KPV | 7/1066- |
| MICRON | MT16JTF25684AZ-1G1F1 | DDR3 1067 | 2048MB | DS | MICRON | D9KPT       | 7/1066- |

MICRON	MT18JSF25672AZ-1G1F1	DDR3 1067	2048MB	DS	MICRON	D9KPT(ECC)	7(1066-7-7-7-20)	N/A	
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SAMSUNG	M378B5273BH1-CF8	DDR3 1067	4096MB	DS	SA
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Transcend	TS256MLK64V1U	DDR3 1067	2048MB	DS	ELPIDA	J1108BABG-AE-E	7(1066-7-7-7-20)	N/A	●	●	●
Asint	SI Y3128M8-EAF	DDR3 1067	1024MB	SS	Asint	DDRIII1208-AE	(7-7-7-20)	N/A	●	●	●