

Socket 771 Mainboards

Intel® Xeon® 5000/5100/5200/5300/5400 series support

Mainboards		Form	CPU	Chipset	Exp. Slots			Memory		Integrated Features				SMDC	RoHS
Model	SKU	Factor	/ FSB		PCI-X	PCI	PCIe	Max.	Type	Audio (A)	Video (G)	LAN (N)	RAID (R)	Support	(Type)
Tempest i5400PW	S5397 WAG2NRF	EATX	Dual 1600	Intel 5400B	2	1	3	128GB ^ 4-ch.	FBD 800/667/533	Realtek ALC262	XGI Volari Z9s	(2) GbE	(8) SAS/ (6) SATA-II	M3295-2 M3296	Yes (6/6)
	S5397 AG2NRF	EATX	Dual 1600	Intel 5400B	2	1	3	128GB ^ 4-ch.	FBD 800/667/533	Realtek ALC262	XGI Volari Z9s	(2) GbE	(6) SATA-II	M3295-2 M3296	Yes (6/6)
Tempest i5400Xt	S5396 WA2NRF	SSI EEB	Dual 1333	Intel 5400A	2	1	3	64GB ^ 4-ch.	FBD 667/533	Realtek ALC888	-	(2) GbE	(8) SAS/ (6) SATA-II	M3291	Yes (6/6)
	S5396 A2NRF	SSI EEB	Dual 1333	Intel 5400A	2	1	3	64GB ^ 4-ch.	FBD 667/533	Realtek ALC888	-	(2) GbE	(6) SATA-II	M3291	Yes (6/6)
Tempest i5400PL	S5393 WG2NR	SSI EEB	Dual 1333	Intel 5400A	2	1	3	64GB ^ 4-ch.	FBD 667/533	-	XGI Volari Z9s	(2) GbE	(8) SAS/ (6) SATA-II	M3295-2 M3296	Yes (6/6)
	S5393 G2NR	SSI EEB	Dual 1333	Intel 5400A	2	1	3	64GB ^ 4-ch.	FBD 667/533	-	XGI Volari Z9s	(2) GbE	(6) SATA-II	M3295-2 M3296	Yes (6/6)
Tempest i5400XL	S5392 ANR	SSI CEB	Dual 1333	Intel 5400A	2	1	3	32GB ^ 4-ch.	FBD 667/533	Realtek ALC888	-	(1) GbE	(6) SATA-II	M3291	Yes (6/6)
Tempest i5000PT	S5383 WG4NR	SSI EEB	Dual 1333	Intel 5000P	-	-	2	64GB ^ 4-ch.	FBD 667/533	-	ATI ES1000	(4) GbE	(8) SAS/ (4) SATA-II	M3291	Yes (6/6)
	S5383 G2NR	SSI EEB	Dual 1333	Intel 5000P	-	-	2	64GB ^ 4-ch.	FBD 667/533	-	ATI ES1000	(2) GbE	(4) SATA-II	M3291	Yes (6/6)
Tempest i5000PT	S5382 WAG2NRF	SSI EEB	Dual 1333	Intel 5000P	4	1	2	64GB ^ 4-ch.	FBD 667/533	Realtek ALC880	ATI ES1000	(2) GbE	(8) SAS/ (6) SATA-II	M3291	Yes (6/6)
Tempest i5000PX	S5380 G2NR-RS	SSI EEB	Dual 1333	Intel 5000P	2	-	3	32GB ^ 4-ch.	FBD 667/533	-	ATI ES1000	(2) GbE	(6) SATA-II	M3291	Yes (6/6)
Tempest i5100T	S5377 G2NR	Custom	Single 1333	Intel 5100	-	-	1	32GB ^ 2-ch.	FBD 667/533	-	XGI Volari Z9s	(2) GbE	(4) SATA-II	M3295-2 M3296	Yes (6/6)
Tempest i5100W	S5376 WAG2NR	SSI CEB	Dual 1333	Intel 5100	-	3	3	32GB ^ 2-ch.	RDDR2 667/533	Realtek ALC262	XGI Volari Z9s	(2) GbE	(8) SAS/ (6) SATA-II	M3295-2 M3296	Yes (6/6)
	S5376 G2NR	SSI CEB	Dual 1333	Intel 5100	-	3	3	32GB ^ 2-ch.	RDDR2 667/533	-	XGI Volari Z9s	(2) GbE	(6) SATA-II	M3295-2 M3296	Yes (6/6)
Tempest i5100X	S5375 AG2NR	SSI CEB	Dual 1333	Intel 5100	2	2	2	32GB ^ 2-ch.	RDDR2 667/533	Realtek ALC262	XGI Volari Z9s	(2) GbE	(6) SATA-II	M3295-2 M3296	Yes (6/6)
Tempest i5100X	S5375 G2NR-1U	SSI CEB	Dual 1333	Intel 5100	-	-	1	32GB ^ 2-ch.	RDDR2 667/533	-	XGI Volari Z9s	(2) GbE	(6) SATA-II	M3295-2 M3296	Yes (6/6)
Tempest i5000VS	S5372 G3NR-H	SSI CEB	Dual 1333	Intel 5000V	1	1	2	24GB ^ 2-ch.	FBD 667/533	-	XGI Volari Z7	(2) GbE + (1) FE	(6) SATA-II	M3291	Yes (6/6)
Tempest i5000VS	S5372 G2NR-LH	SSI CEB	Dual 1333	Intel 5000V	1	1	2	24GB ^ 2-ch.	FBD 667/533	-	XGI Volari Z7	(2) GbE	(4) SATA-II	M3291	Yes (6/6)
Tempest i5000VF	S5370 G2NR-RS	SSI CEB	Dual 1333	Intel 5000V	1	2	2	16GB ^ 2-ch.	FBD 667/533	-	XGI Volari Z7	(2) GbE	(6) SATA-II	M3291	Yes (6/6)

Socket 775 Mainboards

Intel® Pentium® D/ Core™ 2/ Xeon® 3000 series support

Mainboards		Form	CPU	Chipset	Exp. Slots			Memory		Integrated Features				SMDC	RoHS
Model	SKU	Factor	/ FSB		PCI-X	PCI	PCIe	Max.	Type	Audio (A)	Video (G)	LAN (N)	RAID (R)	Support	(Type)
Toledo q35T	S5220 AG2NR	ATX	Single 1333	Intel Q35	-	4	2	8GB ^ 2-ch.	UDDR2 800/667	Realtek ALC262	Intel Q35 GMA3100	(2) GbE	(6) SATA-II	M3295-2	Yes (6/6)
Toledo i3210W	S5211 G2NR	ATX	Single 1333	Intel 3210	2	2	2	8GB ^ 2-ch.	UDDR2 800/667	-	XGI Volari Z9s	(2) GbE	(6) SATA-II	M3295-2 M3296	Yes (6/6)
Toledo i3210W	S5211 G2NR-1U	ATX	Single 1333	Intel 3200	-	-	1	8GB ^ 2-ch.	UDDR2 800/667	-	XGI Volari Z9s	(2) GbE	(6) SATA-II	M3295-2 M3296	Yes (6/6)
Toledo i3010W	S5197 G2NR	ATX	Single 1066	Intel 3010	2	1	2	8GB ^ 2-ch.	UDDR2 667/533	-	ATI ES1000	(2) GbE	(4) SATA-II	M3291	Yes (6/6)
Toledo i3000R	S5191 G3NR	ATX	Single 1066	Intel 3000	1	-	1	8GB ^ 2-ch.	UDDR2 667/533	-	XGI Volari Z7	(2) GbE + (1) FE	(4) SATA-II	M3291	Yes (6/6)
Toledo i965R	S5180 AG2N	Flex ATX	Single 1066	Intel Q965	-	1	1	4GB ^ 2-ch.	UDDR2 800/667	Realtek ALC262	Intel Q965 GMA3000	(2) GbE	(4) SATA-II	M3291	Yes (5/6)

Socket 479 Mainboards Intel® Pentium® M/ Core™ support

Mainboards		Form	CPU	Chipset	Exp. Slots			Memory		Integrated Features				SMDC	RoHS
Model	SKU	Factor	/ FSB		Mini	PCI	PCIe	Max.	Type	Audio (A)	Video (G)	LAN (N)	RAID (R)	Support	(Type)
Toledo i3100	S5207 G2N	Flex ATX	Single 667	Intel 3100	-	-	2	4GB ^ 2-ch.	RDDR2 400	-	ATI ES1000	(2) GbE	(6) SATA	-	Yes (6/6)
Tomcat i945GM	S3095 G3NR	Flex ATX	Single 667	Intel 945GM	1	1	1	4GB ^ 2-ch.	UDDR2 667/533/400	-	Intel 945GM	(2) GbE + (1) FE	(2) SATA	-	Yes (6/6)
	S3095 G3NR-CF	Flex ATX	Single 667	Intel 945GM	1	1	1	4GB ^ 2-ch.	UDDR2 667/533/400	-	Intel 945GM	(2) GbE + (1) FE	(2) SATA	-	Yes (6/6)

^: Minimum two (2) memory modules are required

*: Dual-Core Ready

(R): Retail SKU is available

&: Has IDE RAID and/or Serial ATA

**: Support AMD Dual Dynamic Power Management (DDPM)

(BTO): Build-to-Order only

SKU Codes - A: Audio, CF: Compact Flash, F: FireWire, G: Graphics, I: InfiniBand, N: LAN, R: RAID, S: SATA, U: SCSI, W: SAS															
Technical Support -		510.440.8808 / techsupport@Tyan.com										Tel/Fax (US) - 510.651.8868 / 510.651.7688			
Address (US) -		3288 Laurelview Court, Fremont, CA 94538													

Socket 940 AM2 Mainboards AMD Opteron™ 1000 series support

Mainboards		Form	CPU	Chipset	Exp. Slots			Memory		Integrated Features				SMDC	RoHS
Model	SKU	Factor	Series		PCI-X	PCI	PCIe	Max.	Type	Audio (A)	Video (G)	LAN (N)	RAID (R)	Support	(Type)
Tomcat n3400B	S2925 A2NRF-E **	ATX	Single 1000	nVIDIA NFP 3400	-	3	3	8GB ^ 2-ch.	UDDR2 800/667/533	Realtek ALC262	-	(2) GbE	(6) SATA-II	M3291	Yes (6/6)
	S2925 G2NR-E **	ATX	Single 1000	nVIDIA NFP 3400	-	3	3	8GB ^ 2-ch.	UDDR2 800/667/533	-	XGI Volari Z7	(2) GbE	(6) SATA-II	M3291	Yes (6/6)
Tomcat h1000S	S3950 G2NR	ATX	Single 1000	Broadcom HT-1000	1	4	-	8GB ^ 2-ch.	UDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(4) SATA-II	M3291	Yes (6/6)

Socket 1207 (F/ Fr2 Package) Mainboards AMD Opteron™ 2000/ 8000 series support

Mainboards		Form	CPU	Chipset	Exp. Slots			Memory		Integrated Features				SMDC	RoHS
Model	SKU	Factor	Series		PCI-X	PCI	PCIe	Max.	Type	Audio (A)	Video (G)	LAN (N)	RAID (R)	Support	(Type)
Thunder n6500EX	S4989 WG2NR **	SSI MEB	Quad 8000	nVIDIA NFP 3600+3050	2	-	4	128GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z9s	(2) GbE	(8) SAS/ (6) SATA-II	M3296	Yes (6/6)
Thunder n3600QX	S4987 WG2NR-E **	Custom	Quad 8000	nVIDIA NFP 3600	-	HTX	1	128GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE	(4) SATA-II	M3295-2	Yes (6/6)
	S4987 WG2NR-E (BTO) **	Custom	Quad 8000	nVIDIA NFP 3600	-	HTX	1	128GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE + IB	(4) SATA-II	M3295-2	Yes (6/6)
Thunder n4250QE	S4985 G3NR-E **	SSI MEB	Quad 8000	nVIDIA NFP 2200+2050	-	1	4	64GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(3) GbE	(8) SATA-II	M3291	Yes (6/6)
Thunder n4250QE	S4985 G3NR	SSI MEB	Quad 8000	nVIDIA NFP 2200+2050	-	1	4	64GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(3) GbE	(8) SATA-II	M3291	Yes (5/6)
M4985-E **	M4985-E **	EATX	Quad 8000	-	-	-	-	64GB ^ 2-ch.	RDDR2 667/533/400	-	-	-	-	-	Yes (6/6)
Thunder n3600QE	S4980 G2NR	EATX	Quad 8000	nVIDIA NFP 3600	-	-	1	64GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(6) SATA-II	M3291	Yes (6/6)
Thunder h2000M	S3992 G3NR-E **	EATX	Dual 2000	Broadcom HT-2000+1000	3	1	2	64GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE + (1) FE	(4) SATA	M3291	Yes (6/6)
Thunder h2000M	S3992 G3NR-RS	EATX	Dual 2000	Broadcom HT-2000+1000	3	1	2	64GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE + (1) FE	(4) SATA	M3291	Yes (6/6)
Thunder h1000E	S3970 G2NR-E **	ATX	Dual 2000	Broadcom HT-1000	1	4	-	32GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(4) SATA	M3291	Yes (6/6)
Thunder h1000E	S3970 G2NR-RS	ATX	Dual 2000	Broadcom HT-1000	1	4	-	32GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(4) SATA	M3291	Yes (6/6)
Thunder h1000E	S3970 G2N-U-RS	ATX	Dual 2000	Broadcom HT-1000	1	4	-	32GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(4) SATA	M3291	Yes (6/6)
Thunder n3600M	S2937 WG2NR-E **	EATX	Dual 2000	nVIDIA NFP 3600	-	-	3	64GB ^ 2-ch.	RDDR2 667/533	-	ATI ES1000	(2) GbE	(8) SAS/ (6) SATA-II	M3295-2	Yes (6/6)
	S2937 G2NR-E **	EATX	Dual 2000	nVIDIA NFP 3600	-	-	3	64GB ^ 2-ch.	RDDR2 667/533	-	ATI ES1000	(2) GbE	(8) SAS/ (6) SATA-II	M3295-2	Yes (6/6)
Thunder n3600M	S2935 G4NR **	Custom	Dual 2000	nVIDIA NFP 3600	-	-	1	64GB ^ 2-ch.	RDDR2 667/533	-	XGI Volari Z9s	(4) GbE	(4) SATA-II	M3295-2 M3296	Yes (6/6)
	S2935 G4NR1 (BTO) **	Custom	Dual 2000	nVIDIA NFP 3600	-	-	1	64GB ^ 2-ch.	RDDR2 667/533	-	XGI Volari Z9s	(4) GbE + IB	(4) SATA-II	M3295-2 M3296	Yes (6/6)
Thunder n3600S	S2933 G2NR	ATX	Dual 2000	nVIDIA NFP 3600	-	-	1	32GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(4) SATA-II	M3291	Yes (6/6)
	S2933 G2NR-B	ATX	Dual 2000	nVIDIA NFP 3600	-	-	1	32GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(4) SATA-II	M3291	Yes (6/6)

Socket 1207 (F/ Fr2 Package) Mainboards
AMD Opteron™ 2000/ 8000 series support

Mainboards		Form	CPU	Chipset	Exp. Slots			Memory		Integrated Features				SMDC	RoHS
Model	SKU	Factor	Series		PCI-X	PCI	PCIe	Max.	Type	Audio (A)	Video (G)	LAN (N)	RAID (R)	Support	(Type)
Thunder n3600M	S2932 WG2NR-E **	EATX	Dual 2000	nVIDIA NFP 3600	3	1	2	64GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE	(8) SAS/ (6) SATA-II	M3291	Yes (5/6)
	S2932 G2NR-E **	EATX	Dual 2000	nVIDIA NFP 3600	3	1	2	64GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE	(6) SATA-II	M3291	Yes (5/6)
Thunder n3600B	S2927 A2NRF-E **	ATX	Dual 2000	nVIDIA NFP 3600	-	3	2	32GB ^ 2-ch.	RDDR2 667/533/400	Realtek ALC262	-	(2) GbE	(6) SATA-II	M3291	Yes (6/6)
	S2927 G2NR-E **	ATX	Dual 2000	nVIDIA NFP 3600	-	3	2	32GB ^ 2-ch.	RDDR2 667/533/400	-	XGI Volari Z7	(2) GbE	(6) SATA-II	M3291	Yes (6/6)
Thunder n6650W	S2915 WA2NRF-E **	EATX	Dual 2000	nVIDIA NFP 3600+3050	2	1	4	32GB ^ 2-ch.	RDDR2 667/533/400	Realtek ALC262	-	(2) GbE	(8) SAS/ (6) SATA-II	-	Yes (6/6)
	S2915 A2NRF-E **	EATX	Dual 2000	nVIDIA NFP 3600+3050	2	1	4	32GB ^ 2-ch.	RDDR2 667/533/400	Realtek ALC262	-	(2) GbE	(6) SATA-II	-	Yes (6/6)
Thunder n3600R	S2912 WG2NR-E **	EATX	Dual 2000	nVIDIA NFP 3600	-	HTX	2	32GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE	(4) SAS/ (6) SATA-II	M3295-2	Yes (6/6)
	S2912 G2NR-E **	EATX	Dual 2000	nVIDIA NFP 3600	-	HTX	2	32GB ^ 2-ch.	RDDR2 667/533/400	-	ATI ES1000	(2) GbE	(6) SATA-II	M3295-2	Yes (6/6)

^: Minimum two (2) memory modules are required

*: Dual-Core Ready

(R): Retail SKU is available

&: IDE RAID and/or SATA feature is available

**> Support AMD Dual Dynamic Power Management (DDPM)

(BTO): Build-to-Order only

SKU Codes - A: Audio, CF: Compact Flash, F: FireWire, G: Graphics, I: InfiniBand, N: LAN, R: RAID, S: SATA, U: SCSI, W: SAS	
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