



TRIGEM COMO Mainboard User Guide

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TriGem

COMO Mainboard
User Guide

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COMO Mainboard

COMO

Purpose	Location	Purpose	Location
ATX power connector	ATX	Video sound connector	CN45
Power fan power	CN8	Modem connector	CN46
Floppy drive interface	CN9	Power LED	CN48/pins 1 – 3
IDE interface 1	CN10	IDE interface LED	CN48/pins 5 – 7
IDE interface 2	CN11	Soft off power supply	CN48/pins 8 – 10
SB-link connector	CN23	IR connector	CN48/pins 11 – 17
Serial port 1	CN24	Speaker	CN48/pins 19 – 22
Serial port 2	CN25	Keylock	CN49/pins 1 – 3
Parallel port	CN26	Reset switch	CN49/pins 4 & 5
USB connector 1	CN27	Green PC connector	CN49/pins 7 & 8
USB connector 2	CN27A	LAN LED	CN49/pins 10 – 12
PS/2 mouse port	CN29	SM bus connector	CN49/pins 14 – 16
VGA port	CN31	Wake on LAN connector	CN50
AMC connector	CN32	Wake on modem connector	CN51
Game/MIDI port	CN39	Chassis intrusion connector	CN52
Microphone in	CN39A	CPU fan power	CN53
Line in	CN39B	Chassis fan power	CN54
Line out	CN39C	Modem connector	CN70
Audio in – CD-ROM	CN43	32-bit PCI slots	PC1 – PC2
Audio in – CD-ROM	CN44		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured – do not alter	J1	Unidentified
»	Factory configured – do not alter	J2	Unidentified
»	On board AGP enabled	J11	Pins 2 & 3 closed
	On board AGP disabled	J11	Pins 1 & 2 closed
»	Floppy drive enabled	J12	Pins 2 & 3 closed
	IR enabled	J12	Pins 1 & 2 closed
»	CMOS memory normal operation	J13/5	On
	CMOS memory clear	J13/5	Off
»	Password enabled	J13/6	On
	Password disabled	J13/6	Off
»	CMOS setup enabled	J13/7	On
	CMOS setup disabled	J13/7	Off
»	Floppy drive write protect disabled	J13/8	On
	Floppy drive write protect enabled	J13/8	Off

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO & SDRAM memory.		

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.

VIDEO MEMORY CONFIGURATION

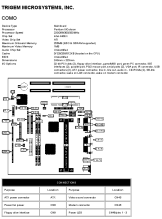
Note: Video memory is factory installed and is not configurable.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	J13/1	J13/2	J13/3	J13/4
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4x	Off	On	On	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	Off	Off	On	On

TRIGEM MICROSYSTEMS, INC.

Documents / Resources

	TRIGEM COMO Mainboard [pdf] User Guide COMO Mainboard, COMO, Mainboard
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