

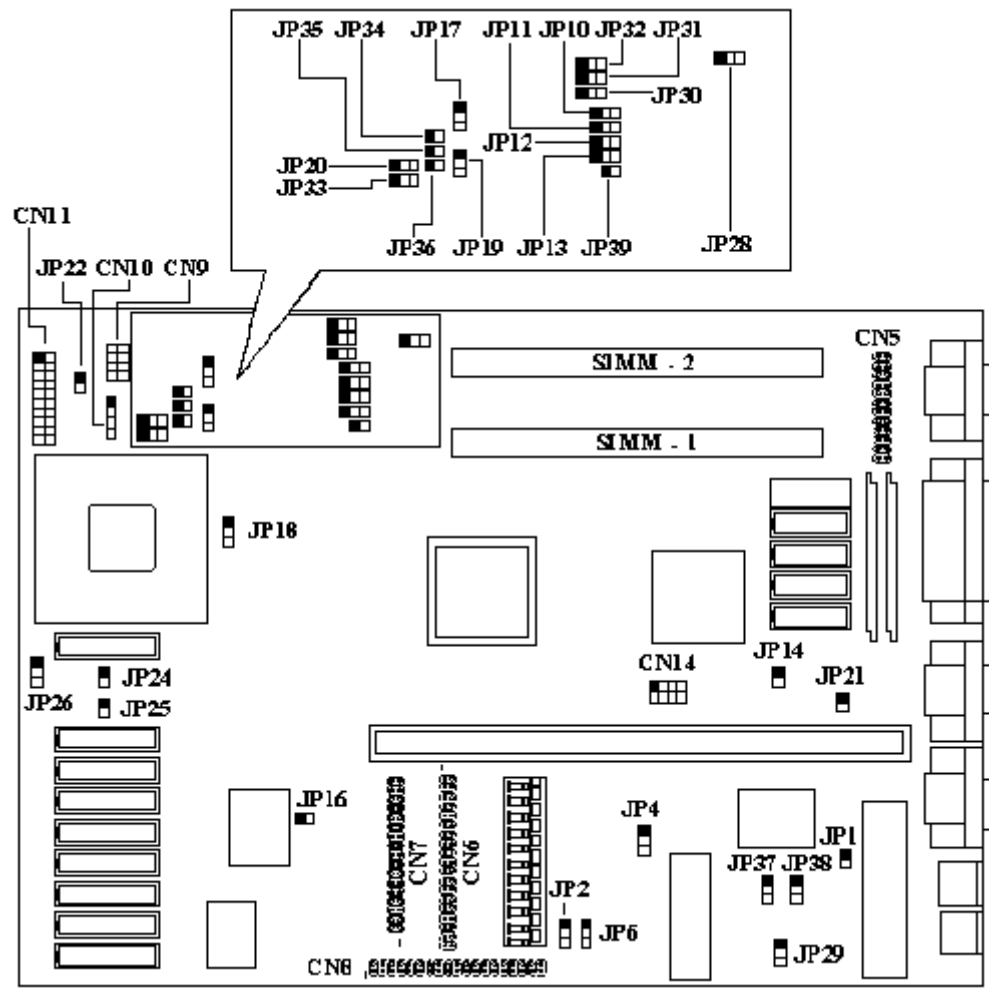
Jumper and Connector Layout

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Note - The blackened pin of a jumper represents pin 1.

Overview

- Supports Full 486 Series CPU And Overdrive Processors
- Intel SL Enhanced CPU Smm/Smi Supported
- Microsoft/Intel Apm Compliant Bios
- Vesa Dpms Supported
- 4-Mb Memory Upgradable To 36-Mb
- Up To 256kb Write-Back Second-Level Cache
- Local-Bus Windows Accelerator
- Display Memory Upgradable To 2-Mb For GD-5428
- Maximum Resolution Up To 1280 By 1024 By 256 Colors
- 24-Bit True Color Display Modes Supported
- Programmable Hardware Cursor Up To 64 X 64 Pixels
- Optional Enhanced Ide Supports Up To 4 Devices, Including Cd-Rom And Tape Drive.
- Optional User-Upgradeable Flash Bios
- Multiple Security Levels
- Power Saving Modes
 - Hdd Power Saving Mode
 - Vga Monitor Power Saving Mode
 - Stanby Mode
 - Optional 0 Watt Suspend Mode
- Mechanical - Front Panel Suspend/Resume Button Security Features

Jumper Settings

Jumper	Setting	Function
JP1	OPEN	ACER BIOS
	CLOSED	OEM BIOS
JP2	1-2	Enable Security
	2-3	Disable Security
JP4	1-2	Flash ROM
	2-3	EPROM
JP14	CLOSE	Enable On-Board VGA
	OPEN	Disable On-Board VGA
JP20	1-2	S-Series CPU

	2-3	Normal Intel or AMD
JP21	CLOSED	Enable M5105
	OPEN	Disable M5105
JP22	OPEN	Lock Key
	CLOSED	Unlock key
JP28	1-2	Enable On-Board Memory
	2-3	Disable On-Board Memory or No On-Board Memory
JP29	1-2	CHRDY
	2-3	POE (not in use)

System CPU Clock Selection

CPU Clock	JP7*	JP8*	JP9*	JP10	JP17	JP19
25MHz (DX2/50)	2-3	2-3	1-2	2-3	2-3	1-2
33MHz (DX2/66)	1-2	2-3	1-2	2-3	2-3	2-3
40MHz	1-2	1-2	2-3	1-2	1-2	2-3
50MHz	2-3	2-3	1-2	1-2	1-2	1-2

*CN14

3-7 = 33MHZ (DX2/66)

4-8 = 25MHZ (DX2/50)

* CPU clock selection will either be through JP7,JP8,JP9 or CN14.

CPU Type Selection

CPU Type	JP11	JP12	JP13	JP39	JP18	JP33	JP30-32	JP34-36
486	1-2	1-2	2-3	CLOSED	2-3	1-2	OPEN	CLOSED

Memory

The system board has two SIMM sockets that accept 4-MB, 8-MB, or 16-MB SIMMs, upto a maximum of 32MB (or 36MB if motherboard has 4MB on-board). 72 Pin, 70ns, Parity, Fast Page Mode SIMMS with gold tips recommended.

Cache RAM Upgrade Path

Cache Size	SRAM Type	Location	JP24	JP25	JP26
64KB	8K X 8 X 9 PCS	TAG, U56 TO U63	OPEN	OPEN	2-3
128KB	32K X 8 X 5 PCS	TAG, U56,U58,U60,U62	OPEN	CLOSED	1-2
256KB	32K X 8 X 9 PCS	TAG, U56 TO U63	CLOSED	CLOSED	2-3

Upgrade Video Memory

You can increase VGA RAM to 1 or 2 MB.

To upgrade the VGA RAM, do the following:

1. To upgrade from 512 to 1MB, order p/n 91.00023.901 from Acer Access. To upgrade from 1MB to 2MB order p/n 02.54260.030.
2. Locate the VGA memory expansion sockets on the system board labelled U12, U13, U15 and U16.
3. Gently but firmly insert a 44256 DRAM (256 K bit by 4, 70-ns) chip into each of the VGA memory expansion sockets.

Increasing VGA memory up to 2 MB is an option available to you. To do this, insert two 51460 (256 K bit by 16) DRAM chips on the sockets labelled U10 and U9.