

HP Consumer Support

Motherboard Specifications, VI31E (Jive)

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Motherboard information

Part/Feature	Specification/Support
Motherboard Description	<ul style="list-style-type: none"> Manufacturer's name - FIC VI31E HP/Compaq name - Jive
Suffix	-GLAS
Motherboard Supplier	FIC
System BIOS Supplier	FIC/Award
Form Factor	uATX
Processor Brand	Intel
Processor Socket Type	mPGA478 (Socket-478)
Processor Family	Pentium® 4, (Northwood, Willamette)
Maximum Processor Core Frequency	<= 2.66GHz Northwood, 2.0GHz Willamette <= 1.9Ghz Celeron - Willamette
Maximum approved processor	2.53 GHz Pentium 4 processor at 533 MHz
Proc. Front Side Bus Freq.	400/533 MHz
Chipset Name	SiS651
Chipset "North Bridge" and Revision	—
Chipset "South Bridge" and Revision	961- B0

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Product (e.g. Deskjet D2680)

Question or keywords



Tips

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Super I/O		ITE- IT8705F
Flash BIOS Device		2Mb Flash
Memory Type		DDR
Memory Speed		PC2100/PC1600
Memory Sockets		2 DIMM
Maximum Memory		2GB
256Mbit Memory Support		Yes
Graphics Supplier		SiS
Graphics Configuration		Down, In Chipset
Onboard Graphics Memory		UMA, up to 64MB
Graphics Connector (AGP)		AGP 4X
TV-Out Device		SiS301B
TV-Out Configuration		AGP TV-out card
Audio Configuration		AC'97 Down
AC'97 CODEC Device		Realtek ALC201
Audio Jacks (Legend Below)		M,LI,LO,MIDI/Game
M	Microphone	
LI	Line In	
LO	Line out	
SO	Speaker	
M/G	Midi/Game	
CD-In Jack		2
Internal Spkr-Out/Line-Out/Headphone-Out Header		Speaker out header
Ethernet 10/100 LAN Supplier		Realtek RTL8100(B)L
Ethernet Configuration		Down
IDE UDMA Modes		ATA-133/100/66/33
Expansion Slots (AGP/PCI/Exten)		AGP, 3 PCI
USB Specification		USB 1.1
USB Ports (Front)		2
USB Ports (Rear)		2
Serial, Parallel, Floppy, PS2 Kbd & Mouse		1S, 1P, 1F, PS2 K+M
Serial Port Front Chassis Option		NO
Fan Headers (CPU, System, Power Supply)		CPU, System
Available Mfg Options (Legend Below)		-GAS, TV out
A	Audio down on motherboard	
C	External L2 cache on motherboard	
E	1394 on motherboard	
G	Graphics down (on motherboard or in chipset)	
L	LAN on motherboard (ethernet)P - PCMCIA slot	
S	S3 power management support	
T	TV-out on motherboard	
U	Graphics card (up, not on motherboard)	

Graphics card (up, not on motherboard)
W Microsoft® Windows XP hardware compliant

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Layout and Photographs

Figure 1: Layout

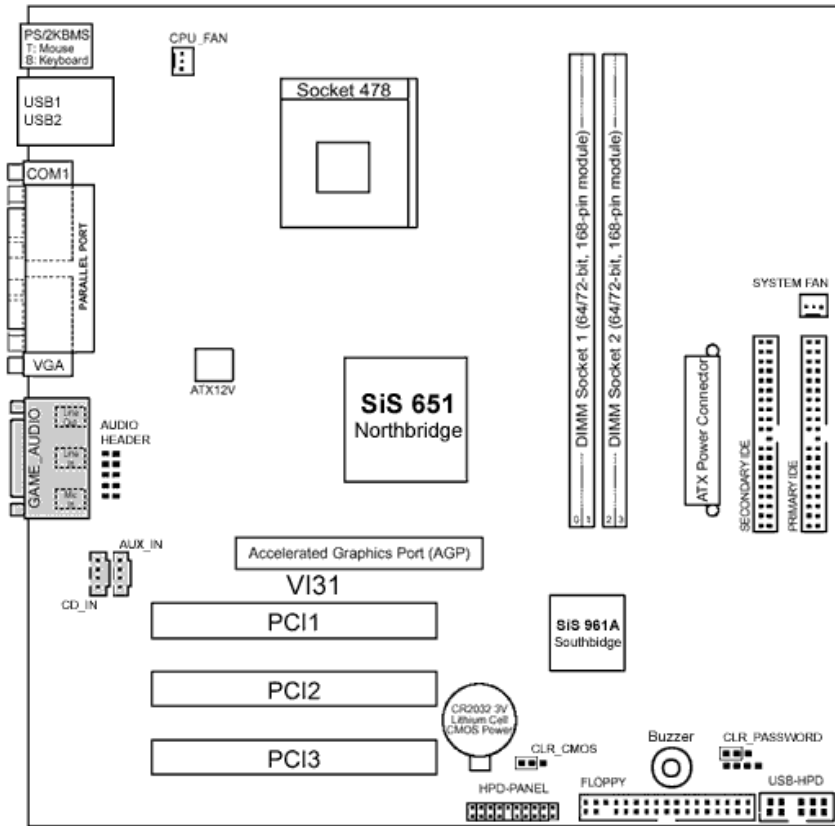


Figure 2: Photograph

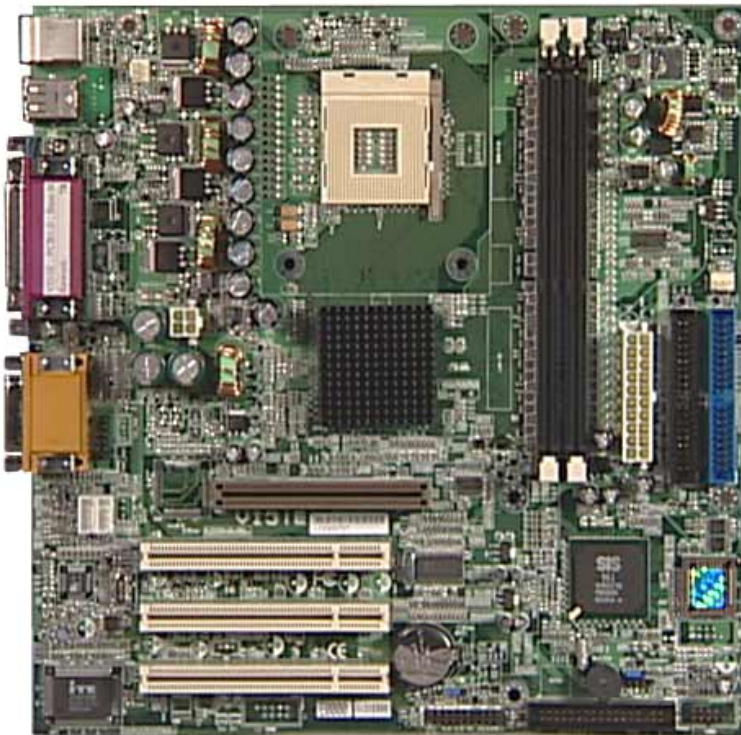
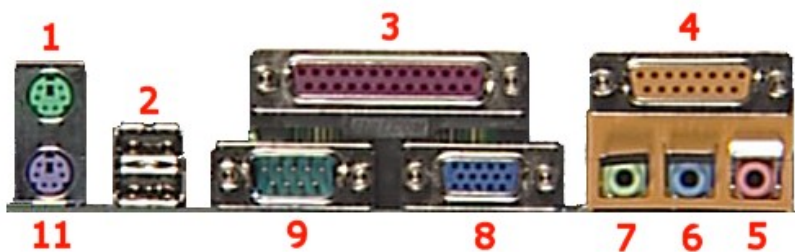


Figure 3: Backplate



1 - Mouse

2 - USB

3 - Parallel

4 - Game port

5 - Microphone

6 - Line-in

7 - Line-out

8 - VGA

9 - Serial

10 - Keyboard

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Clearing the CMOS settings

The Clear RTC RAM (3-pin CLR_CMOS) jumper allows you to clear the Real Time Clock (RTC) RAM in CMOS. It also allows clearing of date, time, and system setup parameter memories in CMOS by erasing the RTC RAM data. The onboard button cell battery powers the RAM data in CMOS, including system setup information such as system passwords.



CAUTION: Do not change any jumper setting while the computer is on. Damage to the motherboard can result.

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1. Turn off the PC and unplug the power cord.
2. Move the CLR_CMOS jumper cap from pins 1-2 (normal) to pins 2-3 (clear CMOS).
3. Keep the CLR_CMOS jumper cap on pins 2-3 for 5 to 10 seconds, then move it back to pins 1-2.
4. Plug in the power cord and turn on the PC.
5. Enter the **BIOS setup** to change BIOS settings.

Clearing the BIOS password

The BIOS password protects the BIOS from undesired changes. If password checking is

enabled, and you need to disable it, use the following steps:

1. Turn off the PC and unplug the power cord.
2. Move the CLR_PASSWORD jumper cap from pins 1-2 to pins 2-3 to enter BIOS setup without a password.
3. To enter BIOS setup, start the PC and press the **F1** key as the PC boots.
4. Clear or reset the BIOS password.
5. Save the BIOS settings and turn off the PC.
6. Return the CLR_PASSWORD jumper cap to pins 1-2.

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