HP Consumer Support

Motherboard Specifications, FIC VC-37 (Tap)

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Motherboard Name	VC-37
HP/Compaq Name	Tap
Suffix	-GLAS
Business Model	ODM
Motherboard Supplier	FIC
System BIOS Supplier	FIC/Award
Form Factor	uATX
Processor Brand	Intel
Processor Socket Type	mPGA478 (Socket-478)
Processor Family	Pentium(R) 4, (Northwood, Willamette) Willamette-Celeron
Maximum Processor Core Frequency	<=2.4GHz Northwood, 2.0GHz Willamette <= 1.9Ghz Celeron-Willamette
Proc. Front Side Bus Freq.	400MHz
Chipset Name	845GL
Chipset "North Bridge" and Revision	
Chipset "South Bridge" and Revision	ICH4
Super I/O	SMSC LPC47M192
Flash BIOS Device	4Mb Flash
Memory Type	DDR
Memory Speed	PC2100/PC1600
Memory Sockets	2 DIMM
Maximum Memory	2GB
256Mbit Memory Support	Yes
Graphics Supplier	Intel
Graphics Configuration	Down, In Chipset
Onboard Graphics Memory	UMA, up to 48MB
Graphics Connector (AGP)	N/A
TV-Out Device	Chrontel CH7009A-T

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TV-Out Configuration		AGP Tvout card
Audio Configuration		AC'97 Down
AC'97 CODEC Device		Realtek ALC201
Audio Jacks (Mic,Line-In,Spkr,MIDI/Game)		M,LI,LO
	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-100/66/33
Expansion Slots (AGP/PCI/Exten)		AGP, 3 PCI
USB Specification		USB 2.0
USB Ports (Front)		2
USB Ports (Rear)		4
Serial, Parallel, Floppy, PS2 Kbd and Mouse		1S, 1P, 1F, PS2 K+M
Serial Port Front Chassis Option		No
Fan Headers (CPU, System, PowerSupply)		CPU, System
Available Mfg Options		–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)
	W	Microsoft(R) Windows XP hardware compliant

Motherboard layout and photos
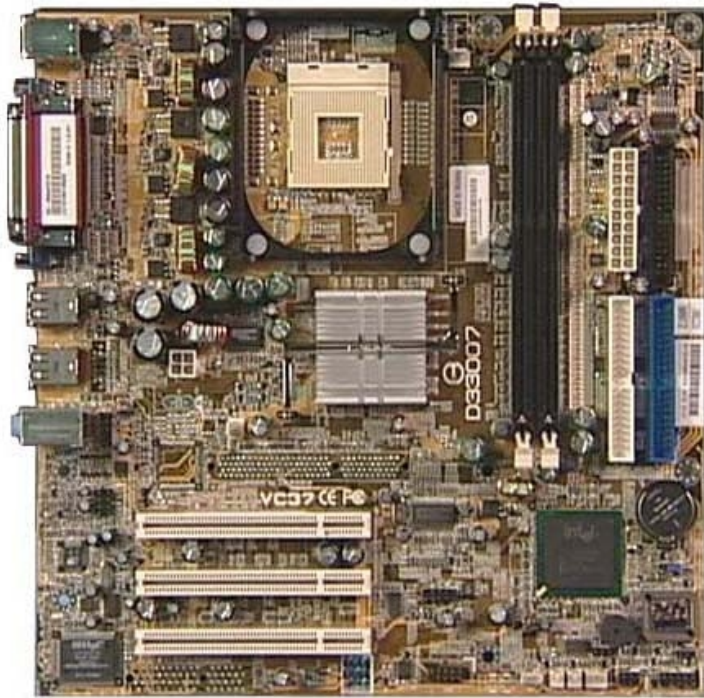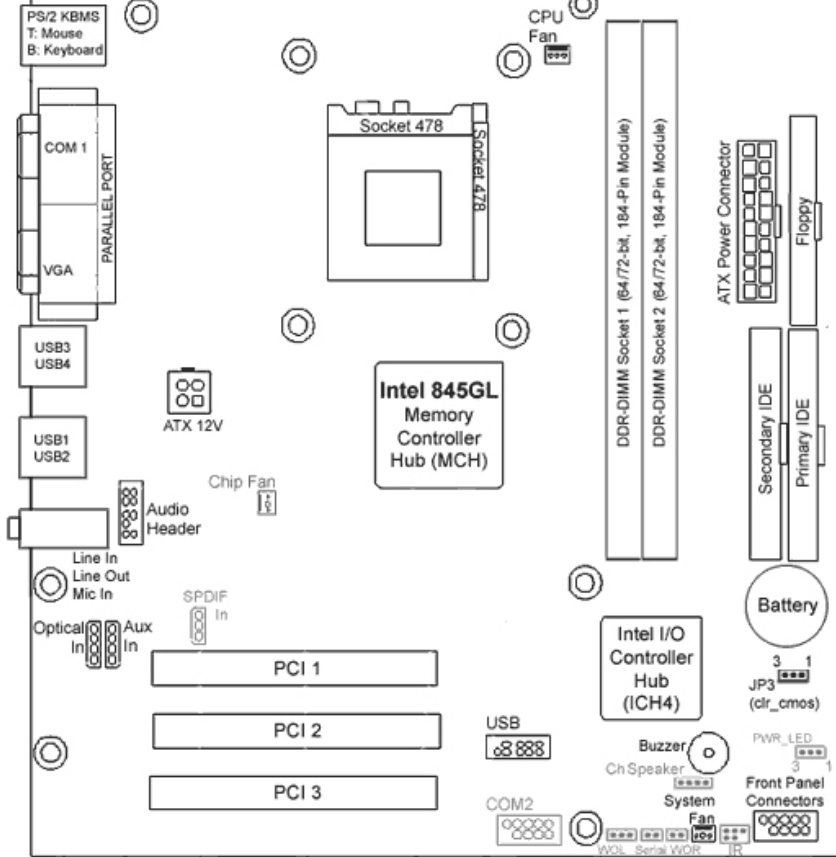
Clearing the CMOS settings

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CAUTION: Do not change any jumper setting while the system is running. Damage to the motherboard may result.

Clear RTC RAM (3-pin J3) This jumper allows you to clear the Real Time Clock (RTC) RAM in CMOS. You can clear the CMOS memory of date, time, and system setup parameters by erasing the CMOS RTC RAM data. The onboard button cell battery powers the RAM data in CMOS, which include system setup information such as system passwords.
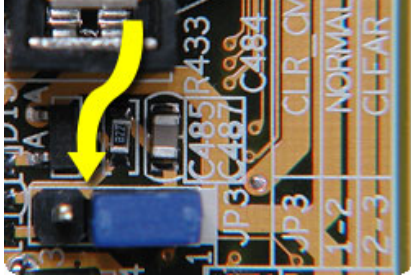
1. Turn off the PC and unplug the power cord.

2. Move the jumper cap from pins 1-2 (Normal) to pins 2-3 (Clear CMOS).

3. Keep the cap on pins 2-3 for about 5~10 seconds, then move the cap back to pins 1-2.

4. Plug the power cord and turn on the PC.

5. When you start the PC, enter BIOS setup to change BIOS settings.

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