HP Consumer Support

Motherboard Specifications, TriGem 011027 (Lomita)

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Motherboard information

Layout and photographs

Clearing the CMOS settings

Clearing the BIOS password

Motherboard information

FEATURE	SPECIFICATION
Motherboard description	• Manufacturer's name - 011027 • HP/Compaq name - Lomita
Motherboard supplier	TriGem
System BIOS supplier	Phoenix
Form factor	UATX
Processor brand	Intel
Processor socket type	Socket 370
Processor family	PIII, Celeron, Tualain
Processor front side bus frequency	133/100/66 MHz
Chipset name	Intel i810E
Chipset "North Bridge"	GMCHE
Revision/Stepping	A3
Chipset "South Bridge"	ICH
Revision/Stepping	B1
Super I/O	SMC47M14X
Revision/Stepping	---------
Flash BIOS Device	FWH 4Mbit
Memory type	SDRAM
Memory speed	PC100
Memory sockets	2 DIMM
Maximum memory	512MB
Graphics supplier	Intel
Graphics configuration	Down, in chipset
Onboard graphics memory	UMA (Intel DVT)

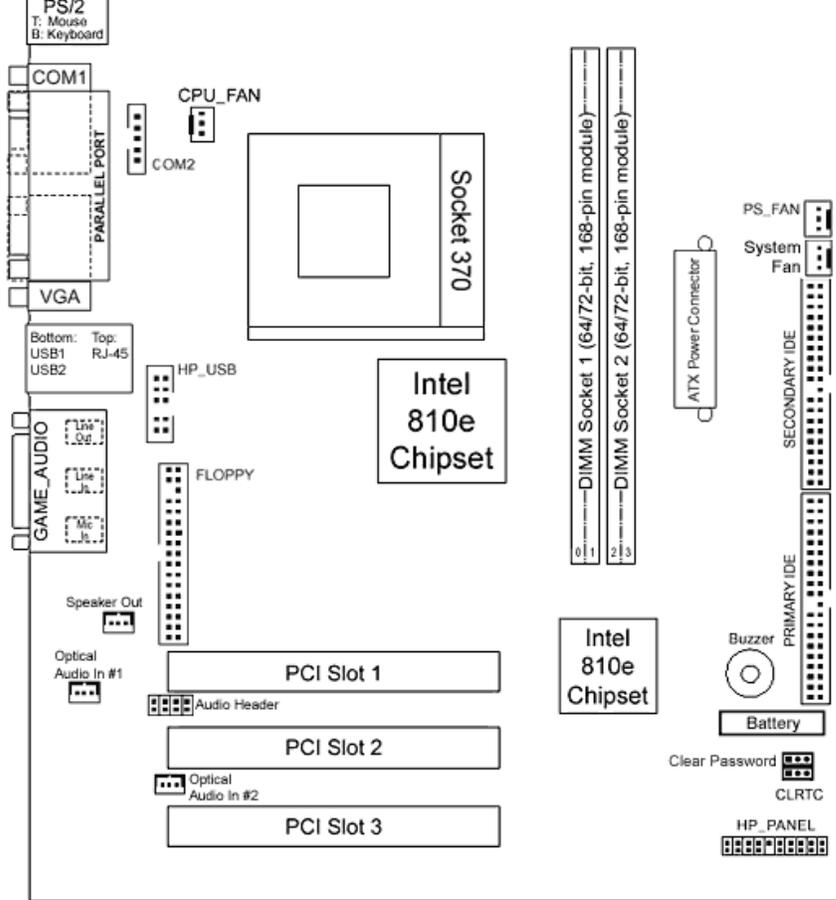|		
Onboard graphics memory		UMA (Intel DVT)
Graphics connector (AGP)		None
TV-out device		No
TV-out configuration		N/A
Audio		AC'97 Down
AC'97 CODEC device		ADI1886
Audio jacks (legend below)		M, LI, LO, SO, M/G
M	Microphone	
LI	Line In	
LO	Line out	
SO	Speaker	
M/G	Midi/Game	
Ethernet 10/100 LAN supplier		Realtek RTL8100
Ethernet configuration		PCI, Down
IDE UDMA modes		ATA-66/33
Expansion slots (AGP/PCI/Exten)		3 PCI
USB ports		4
USB front/back options		2F + 2 B
Serial, parallel, floppy, PS2 Kbd and mouse		2S, 1P, !F, PS2 K+M
Serial port front chassis option		Yes
Available mfg options (legend below)		GLAS
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 Windows XP hardware compliant	

Layout and photographs

Figure 1: Layout

Figure 2: Photograph

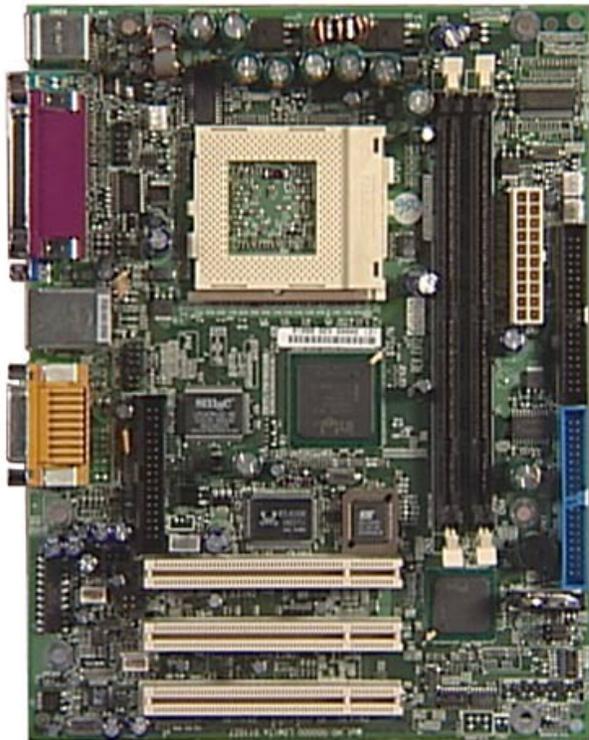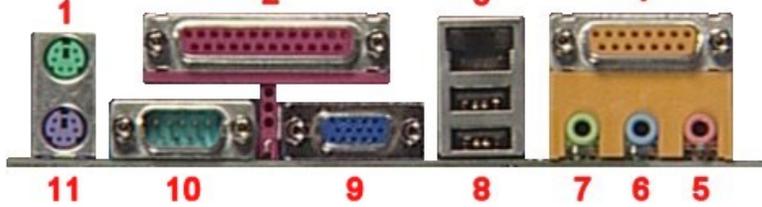**Figure 3: backplate**

1 - Mouse

2 - Parallel

3 - LAN

4 - Gameport

5 - Microphone

6 - Line-in

7 - Line-out

8 - USB

9 - VGA

10 - Serial

11 - Keyboard

Clearing the CMOS settings

The Clear RTC RAM (3-pin CLRTC) 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.

1. Turn off the PC and unplug the power cord.

2. Move the CLRTC jumper cap from pins 1-2 (normal) to pins 2-3 (clear CMOS).

3. Keep the CLRTC 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. Press F1 as the PC starts to enter the **BIOS setup** and 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 Clear Password jumper cap from pins 1-2 to pins 2-3.

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. If desired, reactivate password checking by moving the Clear Password jumper cap back
   to pins 1-2.

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