

INTEL 82440LX ATX / AGP MOTHER BOARD Specification

@Chipset : INTEL 82440LX PCI set °

@CPU : INTEL PentiumII CPU at 233MHz~333MHz by using Single Edge
Contact(S.E.C) cartridge(SLOT1) °

TM

@SRAM : PentiumII CPU with MMX Technology and 512 / 256 KB L2 Cache °

@Three 168 pin DIMM sockets to support (8 , 16 , 32 , 64 , or 128MB 3.3V EDO
DRAM or SDRAM) °

@Built-in Switching Voltage Regulator.

@Built-in GL518SM : with Digital Temperature Sensor , Thermal Watchdog ,
Voltage Monitors, Fan Speed Monitors & ON / OFF Control (optional) °

@Supports one AGP slot, four PCI slots and three ISA slots.

Accelerated Graphics Port Connector Supports AGP 66MHz / 133MHz 3.3 V(2X) Device.

@Dual Master IDE connectors support up to four IDE devices.

@Dual channel Ultra DMA / 33 Bus Master IDE ports (Support up to 4 IDE devices
and LS-120MB Floppy Drive) Support:

*PIO Mode 3&4

*DMA Mode 2

*Ultra DMA / 33

@Supports USB header.

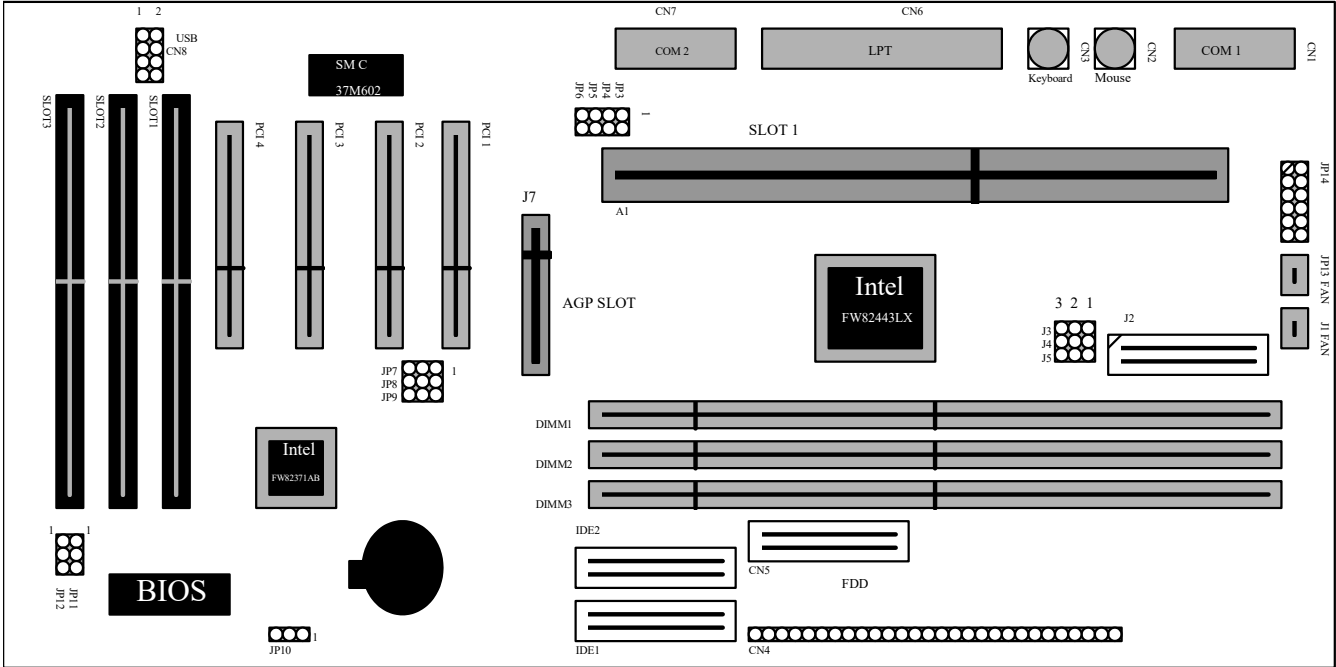
@Supports PS/2 keyboard and mouse connector.

@One FDC port supports two devices up to 2.88MB.

@Supports IrDA TX / RX connection.



@Supports ACPI.

Layout Placement



















Jumper Setting



JP7 : CPU Clock Generator Jumper Setting

CPU Jumper	60MHz	66MHz
JP7		



JP12 : CPU Voltage Frequency Ratio Jumper Setting

Jumper Ratio	JP6	JP5	JP4	JP3
X3.5				
X4.0				
X4.5				
X5.0				

J3 , J4 ,J5 : DIMM Voltage Jumper Setting



Voltage Jumper	3.3V	5V
J3 J4 J5		



JP10 : CMOS Clear Function Select


Select Jumper	Internal Battery	Clear CMOS
JP10		

JP11 : Flash ROM Type Voltage

JP12 : ROM SIZE

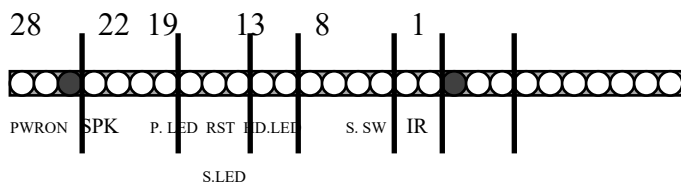
Voltage Jumper	12V	5V
JP11	1 	1 

Select Jumper	2M	1M
JP12	1 	1 

1  J1 : CPU FAN1

1  J13 : CPU FAN2

CN4:



Pin No	Assignment	Function	Pin No	Assignment	Function		
1	IRRX	IR	16	HDD LED+	POWER LED		
2	GND		17	RESET		RESET	
3	IRTX		18	GND		BUTTON	
4	+5V		19	POWER LED+		SPEAKER	
5	NC		20	NC			
6	+5V		21	GND			
7	GND		SMI SWITCH	22		VCC	POWER LED
8	GND			23		NC	
9	EXTSMI			24		NC	
10	NC			25		SPK-OUT	
11	SMI LED+	SMI LED	26	NC	POWER ON / OFF		
12	SMI LED-		27	Power-On			
13	HDD LED+	HDD LED	28	3V			
14	HDD LED-						
15	HDD LED-						

®

J6 : Solt1 For Pentium II Processor J7 : AGP Slot**J2 : ATX POWER Connector JP14 : EISCA COOLER :External Thermal
Sensor & Temperature Controller****Note : EISCA (Enhanced Intelligent System
Cooler Architecture)****CN1 : COM1 CN2 : COM2****IDE1 : IDE1 (Primary IDE) IDE2 : IDE2 (Secondary IDE)****CN5 : FDD CN : PRINTER PORT****CN3 : Keyboard CN2: PS / 2 Mouse****CN8 : USB Port**

INTEL CPU QUICK INDEX

CPU TYPE	PRINTING	MHz	MUL / BUS	JP6	JP5	JP4	JP3
® Pentium II233MHz	233MHz	233	X3.5 / 66	ON	OFF	OFF	ON
® Pentium II266MHz	266MHz	266	X4.0 / 66	OFF	ON	ON	ON
® Pentium II300MHz	300MHz	300	X4.5 / 66	OFF	ON	OFF	ON
® Pentium II333MHz	333MHz	333	X5.0 / 66	OFF	OFF	ON	ON