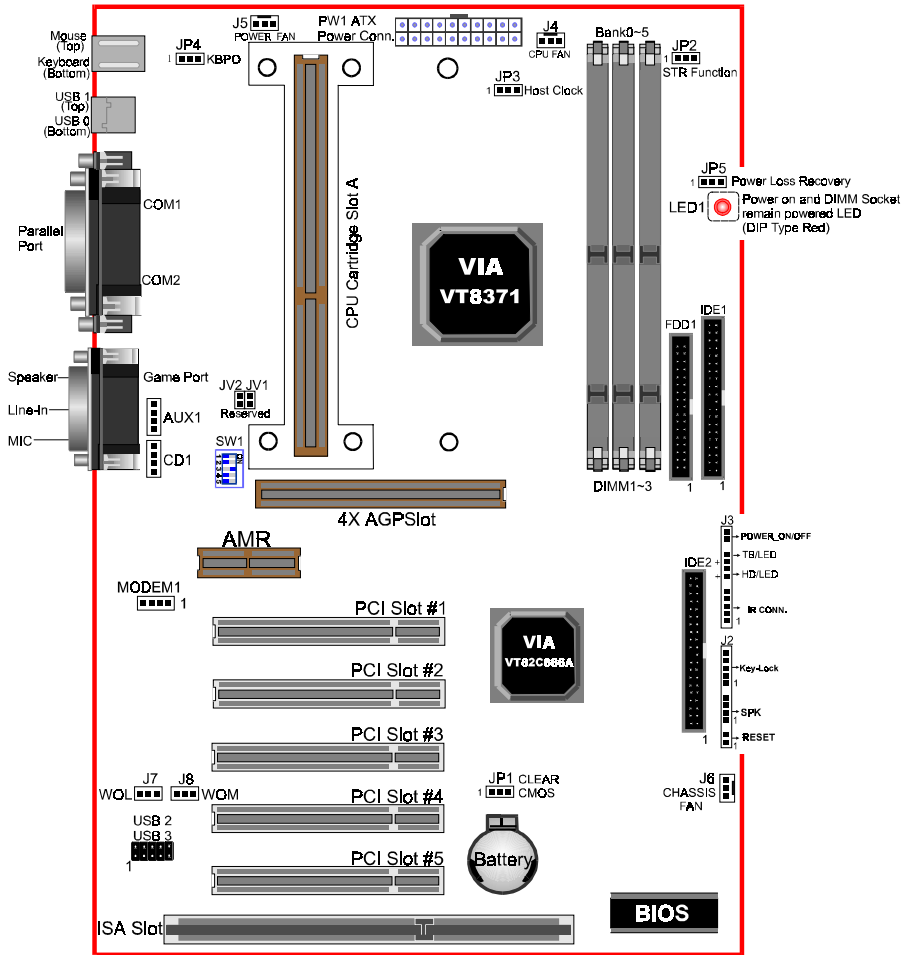


EP-7KXA Detailed Layout



Easy Installation Procedure

The followings must be completed before powering on your new system:

1. **Jumper Settings**
2. **System Memory Configuration**
3. **BIOS Settings (Load Default)**
4. **Device Connectors**

1. Configure Jumpers

EP-7KXA is designed with very few jumpers to make the installation faster and easier.

SW1: CPU Vcore Voltage Selection



SW1					CPU Vcore
1	2	3	4	5	
					Auto
		ON		ON	1.5V
ON		ON		ON	1.55V
	ON	ON		ON	1.6V
ON	ON	ON		ON	1.65V
			ON	ON	1.7V
ON			ON	ON	1.75V
		ON		ON	1.8V

JP3: CPU Host Clock Selection



JP3	CPU CLOCK
1-2	100MHz
2-3	133MHz

JP1



CMOS Clear

JP1 = 1-2 Normal (Default)
 = 2-3 Clear CMOS

JP2



STR Function

JP2 = 1-2 Disabled
 = 2-3 Enabled

JP4



Keyboard Power-ON Function

JP4 = 1-2 Disabled (Default)
 = 2-3 Enabled

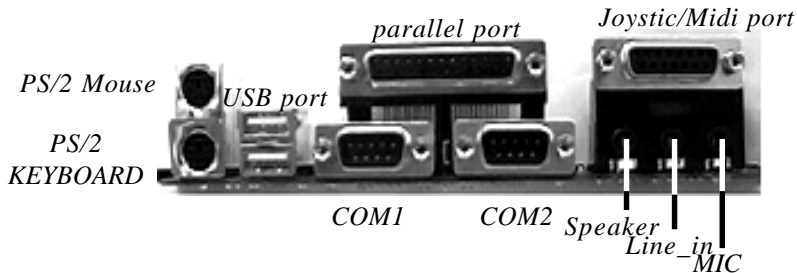
JP5



Power Loss Recovery

JP5 = 1-2 Disabled
 = 2-3 Enabled

4. Device Connectors



- J2,J3:** Chassis Panel Connector
- Keylock, Speaker, Reset, Sleep, Turbo LED and HDD LED
- J4:** CPU Fan Power
- A plug-in for the CPU Fan Power
- J5:** Power Supply Fan Monitoring
- A plug-in for the Power Supply so that BIOS can monitor the RPM's
- J6:** Chassis Fan Power
- A plug-in for the chassis Fan Power
- J7:** WOL (Wake On Lan) Connector
- J8:** WOM (Wake On Modem) Connector
- JV1:** Reserved
- JV2:** Reserved
- IDE1:** Primary IDE Connector
- IDE2:** Secondary IDE Connector
- FDD1:** Floppy Controller Connector
- PW1:** ATX Power Connector
- 20-pin power connector
- CD1:** CD Audio Connector
- AUX1:** AUX Audio Connector
- MODEM1:** Telephony Connector
- Pin1(Audio_in), Pin2/Pin3(GND), Pin4(Mic-out to Modem)