MAXTIUM COMPUTER CORPORATION

Maxtium ®

Magic370 Pentium II Motherboard

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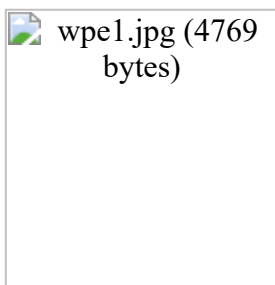
Form Factor	• AT form factor
Board Size	• 22 cm x 22 cm
CPU	• Supports Socket PGA370 Celeron CPU up to 433MHz
System Memory	• For LX mainboard, DIMM 168-pin x 3 , SDRAM added maximum up to 384MB For EX mainboard, DIMM 168-pin x 2 , SDRAM added Maximum up to 256MB • Supports 64M-bit SDRAM technology
Chipset	• Intel 440LX/EX AGP Chipset
Expansion Slots	• 1 x AGP bus • 2 x ISA bus 3 x PCI bus with Bus master/slave mode
Serial Port	• Two serial ports UART 16C550 compatible • Sets serial port 2 to operate in normal mode , IrDA or ASKIR
Parallel Port	One parallel port supports : • SPP-standard parallel port • EPP-enhanced parallel port • ECP-extended capabilities port
Floppy Interface	Supports drives inches/format with: • 3.5 inches—720KB/1.44MB/2.88MB • 5.25 inches—360KB/1.2MB
IDE Interface	• Dual PCI IDE interface support up to 4 x IDE HDD or CDROM • Supports PIO mode 4 , DMA mode 2 and Ultra DMA 33
USB Interface	• Two USB ports supported

	• USB legacy keyboard function supported
PS/2 Mouse	• PS/2 mouse supported
Keyboard	• AT keyboard connector supported
Fuse	• Supports recoverable fuse for USB and KB/Mouse
RTC and Battery	• RTC build in chipset (south bridge PIIX4) • Lithium (CR-2032) battery
Wake up function	• Modem ring wake up • LAN wake up • RTC Alarm wake up
Synchronous Switching Regulator	• High efficient synchronous switching regulator for CPU core voltage from 2.0V to 3.5V • Supports over-voltage / over-current protection function
Hardware Monitor (Optional)	• Fan speed monitor--Two fan connectors , warning when CPU or Housing fan is malfunction • Fan speed control—Control CPU or Housing fan speed for thermal issue • Voltage monitor—Warning when system voltage (±5V, ±12V,3.3V,Vcore, Battery) are abnormal • CPU and system thermal monitor—Warning when CPU and system temperature is higher than a predefined value
Sound Function	• Integrated OPTi 82C933 sound controller compatible with: • Sound Blaster Pro • Adlib - Microsoft Windows System
Power connector	• Supports ATX (20-pin) power connector • Supports AT (12-pin) power connector
BIOS	• Award BIOS • Year 2000 Compliance • PCI 2.1 Compliance • PnP BIOS v1.0a Compliance • APM v1.2 Compliance • DMI 2.0 compliance • Flash/Upgrade BIOS protection • Supports ACPI (Advanced Configuration and Power Interface) and OS Directed Power Management • Supports SOFT power • Paragon Anti-Virus Boot Protection • Floppy drive swapping function supported
LED Indicator	• System power LED • HDD activity LED • System Suspend LED (Blanking)
Other	• Auto-detect AT/ATX power supply type • Support third Fan connector (2-pin) • Support CIR (Consumer IR) function