S81J Board Specifications   2002/10/09

division		explanation
main chipset	NorthBridge	Intel 845
	SouthBridge	Intel 82801BA
bios		Award bios (4MB)
CPU support		❐ Intel Pentium4 mPGA processor (Willamette) ❐ Intel Pentium4 mPGA Processor (Northwood)
memory support		❐ Supports 168-pin 133MHz SDRAM ❐ Main memory maximum capacity: 2GB
ON BOARD	video	ATI Radeon VE-R (with 16M memory)
	sound	AD1885
	LAN	RTL8139C
expansion slot	PCI	32bit data, 33MHz bus speed * 1 (PCI * 2EA provided by using riser card)
	serial port	9-pin connector * 1 pc
	parallel port	25-pin connector * 1
	PS/2	6-pin mini-DIN keyboard/mouse connectors * 1 each
	USB	back side * 2pcs
	LAN	RJ45 * 1 pc
port support	IDE	40 pins * 2
	monitor connection jack	15pin * 1pcs
	DVI	24 pin * 1 pc
	floppy disk	34 pin * 1 pc
	etc	Speaker/Line In/Microphone * 1 each
appearance		313.5mm*183mm (4Layers)

* Based on board part number 128650

CPU specs

division	explanation
type	mPGA478
internal speed	400 MHz
etc	CPU clock auto setting

Intel Pentium4 mPGA478 Processor (Willamette)

processor	bus clock	L2 cache
1.4G	400 MHz	256 KB
1.5G	400 MHz	256 KB
1.6G	400 MHz	256 KB
1.7G	400 MHz	256 KB
1.8G	400 MHz	256 KB
1.9G	400 MHz	256 KB
2.0G	400 MHz	256 KB

* Memory specifications

division	explanation
standard	3.3V SDRAM DIMMs
type	133 MHz
socket	168 pins * 2
max extension	2 GB

* Installable capacity

DIMM size	Non-ECC Configuration
64MB	8Mbit x 64bit
128MB	16Mbit x 64bit
256MB	32Mbit x 64bit
512MB	64Mbit x 64bit
1.0 GB	128Mbit x 64bit

S81J Jumper Settings

2002/10/09

jumper	function	1-2 (default)	2-3
J6	CMOS correction	editable	Unmodified
J7	password setting	possible	impossible