Contents

Chapter 1 : Introduction

1-1 Specification

Processor	Socket 7 processors : support 66~100MHz external clock CPU
	CPU multiplier x 2.5, x3, x3.5, x4, x4.5, x5
	For CPU power under 10W (Estimated)
System Chipset	SIS 530, SIS5595
I/O chips	SIS 6801 / IT8661F
	Super I/O, K/B controller, IEEE1284, ACPI
Sound Chip	ESS Solo 1 chip
VGA	AGP with shared memory built-in SIS530
LAN	Realtek 8139A/B 10/100Mbit WOL
BIOS	Award 2MB Flash
FDD	One Notebook-type Floppy Connector 1.44MB
IDE	44-pin IDE port for 2.5" HDD (option and exclusive with FDD)
Flash Storage	M-system Disk On Chip
L2 cache	512KB
System Memory	DIMMx2 for 3.3V PC100 SDRAM 256MB Max
Video Memory	UMA (size selected by BIOS 2M~8MB option)
Power	External power Supply with DC 12V input, 60W
	or
	Internal power supply with AC 110-240V input, 28W
Expansion Slot	Riser card--1x ISA, 1x PCI shared
Connectors	CRT connector
	USBx2
	RJ-45
	LPT
	PS/2 KB, PS/2 Mouse ports
	PCI/ISA riser expansion slot
	2x 168-pin DIMM slots
	1 IDE 40-pin for testing purpose
	1x Notebook-type Floppy Connector

On Board Headers Audio (Line-in, Line-out, Mic-in)

COM1

COM2

CPU clock, multiplier and voltage

CMOS clear

12V CPU fan headers (option)

Power LED (On/Off/Standby)

HDD/Lan indicator (option)

Cables AC power cord to adapter
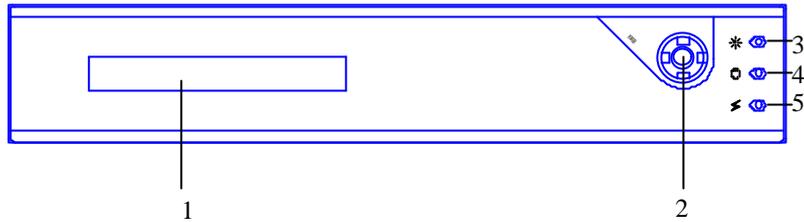
44 pin HDD cable (Optional)

Audio cable

FDD cable

Management H/W Voltage & Temperature management

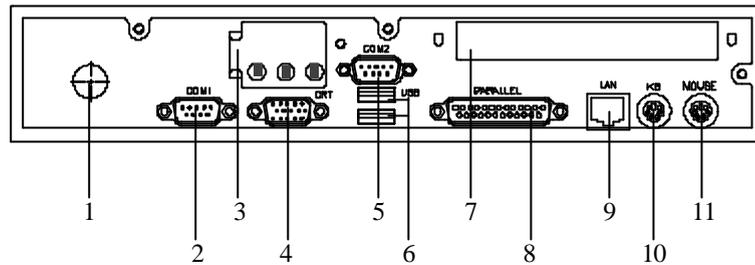Wake on LAN

Optional boot ROM for RPL or PXE

Caution:

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.
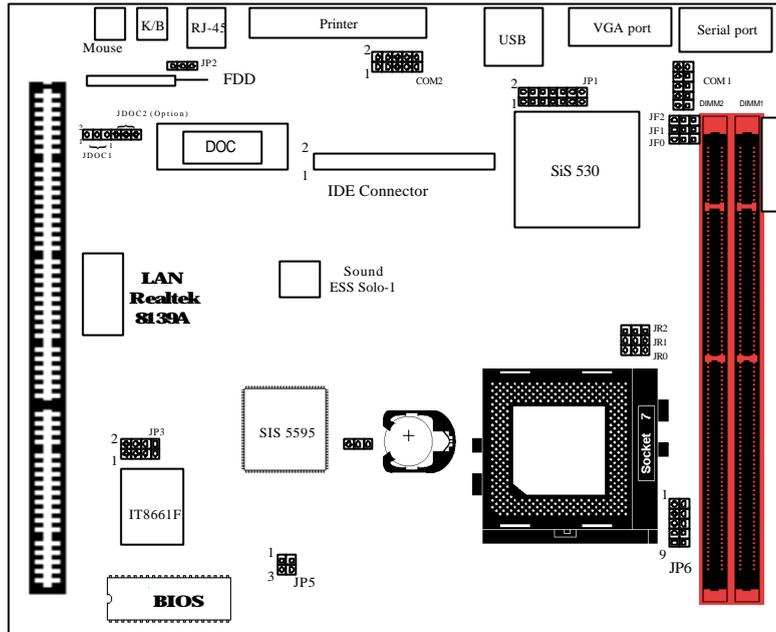
1-2 Front View

Term	Definition
1. 3.5" Floppy Diskette Drive	1. Floopy Disk Drive is the device into which you can insert the floopy disk.
2. Power switch	2. Power on/off the computer system by pressing the power switch.
3. Power LED	3. When the system is powered on, the power LED will light on.
4. HDD LED	4. When the HDD is working, the HDD LED will keep on flashing.
5. Transmit LED	5. When the system is attached with the LAN cable, the transmit LED will start to act.

1-3 Rear View

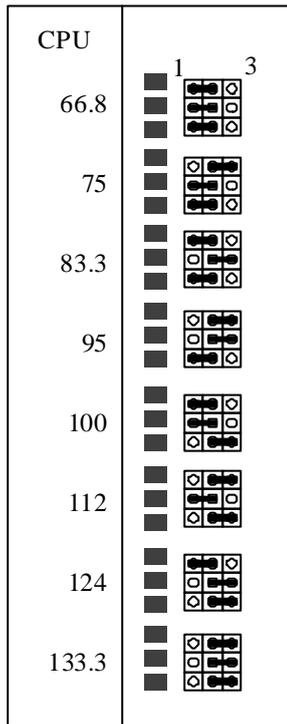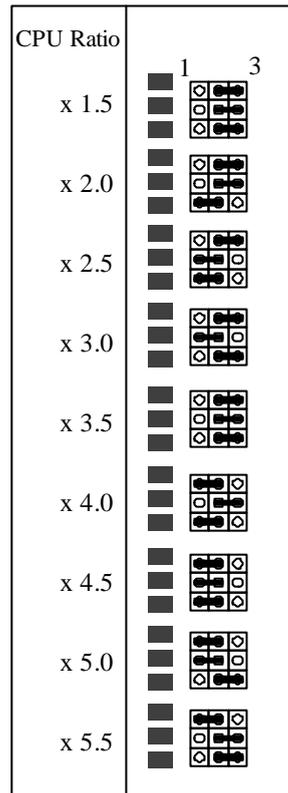| Term	Definition
1. Power	1. DC input
2. COM 1	2. 16550UART connect to one serial device
3. Sound Phone Jack a: Line Out b: Line In c: MIC	3. Connect to sound port a. Connect to speaker or audio signal input of other devices b. Connect to audio signal output of other devices c. Connect to microphone
4. CRT Connector	4. Connect CRT monitor
5. COM 2	5. 16550UART connect to one serial device
6. USB*2	6. Connect to USB devices
7. Expansion Card Area	7. The place to plug add-on-card
8. Parallel Port	8. Connect to devices with EPP/ECP port
9. RJ 45 Connector	9. Connect to 10/100 base-T ethernet cable
10. PS/2 K/B	10. Connect PS/2 type keyboard
11. PS/2 Mouse	11. Connect PS/2 type mouse

Chapter 2 : Jumper Setting

JP6 (Output Voltage)

Output Voltage	Processor Pins	Output Voltage	Processor Pins
1.30V		1.75V	
1.35V		1.80V	
1.40V		1.85V	
1.45V		1.90V	
1.50V		1.95V	
1.55V		2.00V	
1.60V		2.05V	
1.65V		2.00V	
1.70V		2.10V	

Output Voltage	Processor Pins	Output Voltage	Processor Pins
2.20V		3.00V	
2.30V		3.10V	
2.40V		3.20V	
2.50V		3.30V	
2.60V		3.40V	
2.70V		3.50V	
2.80V			
2.90V			

JF1 - JF3 (Multiplex Frequency)

CPU	
66.8	
75	
83.3	
95	
100	
112	
124	
133.3	

JR1 - JR3 (CPU Ratio)

CPU Ratio	
x 1.5	
x 2.0	
x 2.5	
x 3.0	
x 3.5	
x 4.0	
x 4.5	
x 5.0	
x 5.5	

JSND 1 (Audio)

Jumper	Description
1-2	Enabled (Default)
2-3	Disabled

JLAN 1 (LAN)

Jumper	Description
1-2	Enabled
2-3	Disabled

JRTC 1 (RTC Clean)

Jumper	Description
1-2	Clean
2-3	Normal

JP1 (Audio PIN Stick)

JP2 (KB & MS VCC)

Jumper	Description
1-2	5VSB
2-3	VCC (Default)

JDOC 1 (DOC Address)

Jumper	Description
1-2	C800
3-4	D000
5-6	D800

JP5 (Power Switch Setting)

Jumper	Description
	Reset
	Power Switch

WinNET IV

(5blsp-A)

Ver 0.1

User's Manual