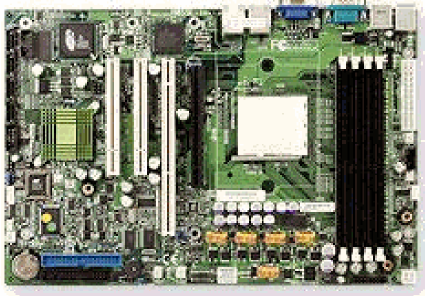


H8SSL-i

[A+ Products](#) ▶ [Motherboards](#) ▶ [[H8SSL-i](#)]



Key Features

1. Single AMD® Opteron™ Support, (Dual Core Ready)
800 MHz HyperTransport Link
2. ServerWorks HT1000 Chipset
3. Up to 4 GB DDR 400/333 SDRAM
4. Dual-port Broadcom BCM5704C Gigabit LAN / Ethernet Controller
5. Up to 4 SATA drives via HT1000
6. 1x 64-bit PCI-X 133MHz
2x 32-bit PCI 33MHz
7. ATI RageXL 8MB Graphics & VGA port
8. IPMI 2.0

- Best Single Opteron CPU Solution
- Most Cost Effective Dual Core Workstation
 - High-End A+ ServerBoard

Links & Resources

- ▶ [Tested Memory List](#)
- ▶ [Motherboard Manual](#)
- ▶ [Update Your BIOS](#)
- ▶ [Download the Latest Drivers and Utilities](#)

Specifications

Product SKUs

- MBD-H8SSL-i-O** ■ H8SSL-i (Standard Retail Pack)
- MBD-H8SSL-i-B** ■ H8SSL-i (Bulk Pack)

Physical Stats

- Form Factor** ■ ATX
- Dimensions** ■ 12.0" x 8.0" (30.5cm x 20.3cm)

Processor/Chipset

- CPU**
 - Single 939-pin ZIF Sockets
 - Supports one **Dual-Core AMD Opteron™** 100 Series processor
 - 1MB Cache
 - 4 phase VRM
- Chipset**
 - HyperTransport Link
 - ServerWorks HT1000 I/O Hub

System Memory

- Memory Capacity**
 - Four 184-pin DIMM sockets support:
 - Up to 4 GB DDR 400/333 MHz memory
 - Single or Dual (recommended) channel memory support
- Memory Type**
 - DDR 400/333MHz un-buffered ECC/non-ECC SDRAM 72-bit, 184-pin gold-plated DIMMs
- DIMM Sizes** ■ 256 MB, 512 MB, 1GB
- Memory Voltage** ■ 2.5 V only
- Error Detection**
 - Corrects single-bit errors
 - Detects double-bit errors (using ECC memory)

Chassis (Optimized for H8SSL-i)

- 1U Chassis**
 - SC512C-260 *
 - SC811T-300 **
 - SC811F-260 ** (OEM only)
 - * Please use air-shroud CSE-PT0112
 - ** Please use air-shroud CSE-PT0113 (Air-shrouds sold separately)

- 3U / Tower** ■ SC733T-450

- Important Chassis Notes**
 - To ensure system stability, a 300W (minimum) ATX power supply [4-pin (+12V) and 24-pin are required]

Expansion Slots

- PCI-X** ■ 1 64-bit 133MHz PCI-X (3.3V) slot
- PCI** ■ 2 PCI 32-bit, 33MHz expansion slots

System BIOS

- BIOS Type**
 - 4Mb Flash EEPROM with AMI® BIOS
 - SST-49LF004B BIOS Chip
- BIOS Features**
 - Plug and Play (PnP)
 - ACPI 1.0
 - PCI 2.2
 - DMI 2.3
 - BIOS Rescue Hot Keys
 - SMBIOS 2.3
 - USB Legacy support
 - Hardware BIOS Virus Protection
 - RTC (Real Time Clock) Wakeup

Management

On-Board Devices

SATA	<ul style="list-style-type: none"> 4 SATA Ports using ServerWorks HT1000 controller
IDE	<ul style="list-style-type: none"> Supports UDMA Mode 5 Supports PIO Mode 4 Supports ATA/100
IPMI	<ul style="list-style-type: none"> 1U support: Intelligent Platform Management Interface v.2.0+ (Optional: 1UIPMI-B) or For 2U and above: (Optional: AOC-LIPMI-LANG) Remote Management Module (Card not included)
Network Controllers	<ul style="list-style-type: none"> Broadcom BCM5704C Dual Gigabit Ethernet Controller Supports 1000BASE-T, RJ45 output
VGA	<ul style="list-style-type: none"> ATI Rage XL 8MB PCI Graphics Controller VGA Port
Super I/O	<ul style="list-style-type: none"> NS PC87427
Clock Generator	<ul style="list-style-type: none"> ICS932S801AG

Input / Output

SATA	<ul style="list-style-type: none"> Up to four SATA devices
IDE	<ul style="list-style-type: none"> Single ATA 100 EIDE channels support up to two UDMA IDE devices Supports UDMA Mode 5 Supports ATA/100
Floppy	<ul style="list-style-type: none"> 1 Floppy port; 1.44 MB
LAN	<ul style="list-style-type: none"> 2 RJ45 LAN ports
USB	<ul style="list-style-type: none"> 2 USB Rear Ports 2 USB Internal Headers USB 2.0 Compliant, 1.1 Compatible
Keyboard / Mouse	<ul style="list-style-type: none"> PS/2 keyboard and mouse ports
Serial Ports	<ul style="list-style-type: none"> 2 Fast UART 16550 serial ports 1 Header

Software

- Optional IPMI (Intelligent Platform Management Interface) 2.0
- Super Doctor III
- Watch Dog / NMI

Power Configurations

- ACPI/API Power Management
- Wake-On-Ring (WOR) header
- Wake-On-LAN (WOL) header
- Main Switch Override Mechanism
- Keyboard Wakeup from Soft-Off
- CPU Fan auto-off in sleep mode
- Power-on mode control for AC power loss recovery
- Internal/External modem remote ring-on

PC Health Monitoring

- CPU**
- Monitors CPU Core Voltages, +5V, ±12V, 2.5V Standby, 5V Standby, VBAT
 - Monitor for HyperTransport voltage 1.2V, DDR termination 1.25V
 - CPU switching voltage regulator
 - Supports System Management Utility

FAN

- Total up to five 3-pin fan headers
- 5 Fan Status Tachometer monitoring
- Status Monitor for Speed Control

Temperature

- Monitoring for CPU and chassis environment
- CPU Thermal Trip support
- I²C temperature sensing logic

LED

- CPU / Overheat LED
- Suspend-state indicator LED

Other Features

- Chassis Intrusion Header

OS Compatibility

- Please see our [OS Compatibility Chart](#)

Regulatory

- FCC**
- Passed to meet FCC standard requirement

Parts List

Retail Pack List

	Part Number	Qty	Description
H8SSL-i	MBD-H8SSL-i-O	1	H8SSL-i Motherboard
Manual(s)	MNL-H8SSL-i	-	Motherboard Manual for H8SSL-i (In Electronic File)
Cables	CBL-0010L	1	I/O Cable
	CBL-0022L	1	ATX Floppy Cable
	CBL-036L-03	1	ATA 100/133 IDE LP Cable
	CBL-0044L	4	2ft. SATA Cable
Driver Disk	CDR-A+SWKS	1	Version 1.03 (or newer) Chipset Driver CD
I/O	CSE-PT7L	1	I/O Shield For Dual LAN
Retention	BKT-0004L	1	CPU Heat Sink Back Plate
	BKT-0005L	1	CPU Heat Sink Back Plate

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