

SYSTEM SPECIFICATIONS

Product Features

Key features of the **SAHARA** System include:

- **Mainboard Chipset Architecture**
Intel 440LX(EX) AGPset
- **Processors**
The onboard Retention Mechanism supports:

Intel Pentium® II CPU speed 233/266/300/333MHz processors
Intel Celeron™ CPU speed 266/300/333MHz processors
Intel Mendocino™ CPU speed 300/333MHz processors
- **Onboard LAN Controller**
Integrated PCI-based Intel 82558 10/100Mbps Ethernet controller
- **Onboard VGA Controller**
Integrated AGP-based ATI RAGE IIC/PRO AGP controller with onboard 2MB SGRAM (upgradable to 8MB)
- **Onboard Audio Controller**
Integrated ISA-based CrystalClear™ CS4235 3D audio
Sound Blaster™, Sound Blaster Pro™ and Windows Sound System™ compatible
- **BIOS (Basic Input Output System)**
AWARD BIOS with 2MB Flash EEPROM, DMI 2.0 compliant
- **Floppy Disk Drive**
3.5-inch Slim 1.44MB (Megabytes) capacity
- **Hard Disk Drive (Optional)**
3.5-inch Ultra DMA/33 S.M.A.R.T. HDD up to 12GB

- **System Memory**
Supports up to 256MB SDRAM or EDO DRAM via two 168-pin DIMM sockets, including ECC memory
- **Cache Memory**
Supports 512KB ultra-fast Level II cache on CPU cartridge
- **Riser Card**
One PCI slot and one shared PCI/ISA slot



The maximum card cage load should not exceed +5V, 1A; +12V, 1A in combination.

- **Input/Output Interface**
Two serial ports, one parallel port with ECP/EPP, two USB ports, one RJ45 LAN connector, two PS/2 connectors, one D-sub 15-pin female VGA port, one optional Game port, one optional IrDA port, one Mic-in; one Line-in; one Line-out for Audio
- **CD-ROM Drive**
12.7mm Slim 20X/24X CD-ROM or DVD-ROM drive

Technical Specifications

- **Dimensions**
310(L) x 300(H) x 88(W) mm
- **Power Supply**
100 to 240 VAC (Universal input), 85 Watt or 115/230 VAC, 90 Watt
- **Environment Air Temperature**
Operating: 5 °C to 35 °C / Storage: -29 °C to 65 °C
- **System Operating Environment**
The recommended system operating room temperature is between 5⁰C and 35⁰C. In the event that the system is to function as a workstation or server, it is imperative that periodic inspection of the CPU fan and the power supply fan be undertaken. Please consult the local dealer for more information.
- **Humidity**
Operating: 0 % to 80 % / Storage: 0 % to 95 %