

# 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 5<sup>o</sup>C and 35<sup>o</sup>C. 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 %