

THE ANAX 500 SYSTEM BASICS

The ANAX 500 system is comprised of five main units, which include a Central Processing Unit, Depth Processing Unit, Data Acquisition Unit, Total Gas Unit and High Speed Chromatograph. Each is represented in the following material.

CENTRAL PROCESSING UNIT

The Central Processing Unit (CPU) is eight channel serial (four channel is optional if eight is not required) and dual hard drive RAID. CPU features include the following:



Dual Central Processing Unit

- High performance Pentium 3-class industrial processor w/512Mb main memory.
- Dual RAID hard drive system with pluggable hard disk carriers.
- 12 Bit Dynamic Resolution A/D system with multiplexer interface.
- System Status Indicator shows system health and status at a glance.
- Industrial chassis with slides for easy access, additional cooling.
- 2 identical servers can be supplied for redundancy.
- ISA and PCI bus expansion slots for versatility and compatibility.
- PC Audio Interface.
- High Reliability Unix based Operating System.

Components/Specifications

- Commell HS862 single board computer.
- ATA100, dual IDE channels, PC104 interface.
- Processor - Intel 850 MHz P3 with 256K L2 cache.
- Memory – 512 Mb SODIMM module.
- CE certified ATX power supply.
- ISA to PC104 adaptor board for PC104 expansion.
- 2 Hard drives – Western Digital 3.5" ATA100+ 80 GB.
- 4 channel USB 2.0 interface.
- 2 base serial ports plus 4 or 8 port PCI serial card.

Height	7" (4U)	17.8 cm
Width	19"	48 cm
Depth	17"	43 cm
Weight	36 lb	16.4 Kg
Operating Temp Range	50 - 120 °F	10 - 50 °C
Storage Temp Range	0 - 120 °F	-20 - 50 °C
Power Requirements	100-240 VAC 47-63 Hz	400W max.