SAIS-L9

RUGGEDIZED MULTI-SLOT PORTABLE

- multi-slot ruggedized portable workstation with ATX motherboard.
- Support Intel Pentium Xeon processors, up to two processors @ 3.4 GHz
- Multiple drive bay configurations. Up to 8 drive bays
- Built in analog to digital conversion board.
- Integral LCD monitor and fold-down keyboard. Built-in speakers.

The SAIS-L9 is a multi-platform portable workstation that puts cutting-edge computing power inside a rugged aluminum alloy enclosure. Its multi-slot, multi-drive bay design provides highly configurable host systems with an upgrade path capability. The aluminum alloy chassis reinforced with rubber bumpers is strong and rugged to withstand service in demanding field conditions.
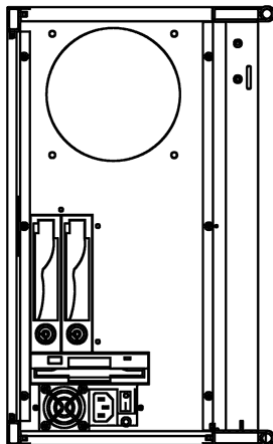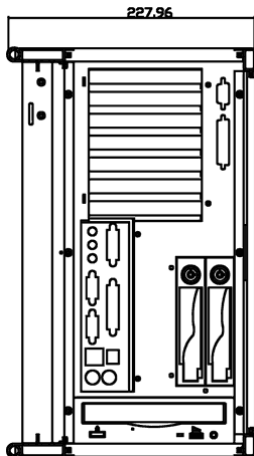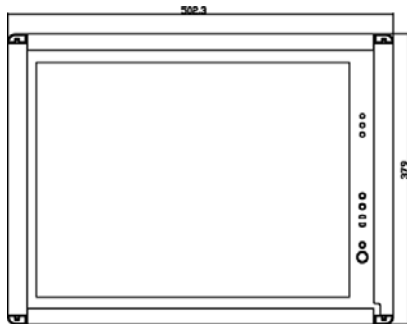
The SAIS-L9 incorporates the latest in PC technology. With dual processor support, Ultra SCSI and OpenGL graphics, it packs workstation power in a luggable chassis. SAIS-L9 offers expansion capability unmatched by other portable computers.

Solutions can be easily customized for mobile computing applications where there is a requirement for add-in PC card capability, massive data storage capacity, and the ability to survive harsh field conditions.
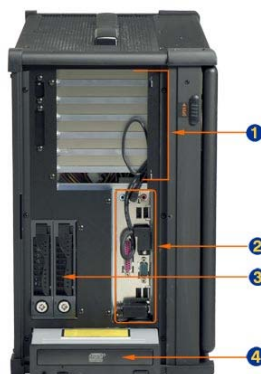
1. System status indicators: power, hard disk read/write, monitor.
2. LCD on/off button.
3. On-screen display control buttons.
4. System reset button.
5. System power on/off button.
6. Touchpad mouse primary and secondary buttons.
7. Touchpad mouse.

1. 1x External 5.25" Drive Bay.
2. 2x External 3.5" Drive Bays.
3. PS/2 Type Active PFC Power Supply.
4. 2x External 3.5" Removable Hard Disk Drive Bays.
5. Full Size ATX Form Factor Motherboard.
6. 2x External 3.5" Removable Hard Disk Drive Bays.
7. 1x External 5.25" Drive Bay.

Chassis Construction	Ruggedized aluminum alloy chassis with rubber corner bumpers and shock-mount drive bays. Removable side panels offer access to I/O ports and removable storage devices. Hard anodized surface meets MIL-A-8625E Type II/III standards. Integral fold-down and detachable keyboard with built-in touchpad pointing device. Optional water and dust proof keyboard available.
Integral LCD options	20.1 " TFT LCD @ 1600 x 1200 pixels resolution
System Board Support	ATX form factor motherboard. Support dual processor capable extended ATX form motherboard
Processor Support	Dual Intel Pentium 4 Xeon processors @ 2.4 GHz. Up to 3.4 GHz supported
Memory	128 MB installed memory, up to 12 GB of DDR SDRAM (maximum system momory is motherboard dependent)
I/O Channels	Up to 6 PCI-Express and PCI expansion slots, dual channel Parallel. ATA IDE interface, USB 2.0 ports, serial and parallel ports. Serial ATA IDE controller available on selected motherboards. Available controllers include on-board ATA-RAID, SATA-RAID, IEEE 1394, and Ultra320 SCSI and SCSI-RAID add-on controller card.
Drive Bays	Eight externally accessible drive bays : two 5.25" drive bays and six 3.5" drive bays
Storage Devices	3.5" 1.44 MB floppy disk drive 52X (max) EIDE CD-ROM. Optional CD and DVD rewritable disk drives 40GB ATA/100 hard drive standard, up to 250 GB @ 7200 rpm Optional Ultra320 SCSI hard disk drive from 36 to 144GB with Adaptec 29320 SCSI controller card
Network Interface	Integrated 10/100/1000 Mbit/sec Ethernet controller
Graphics	Embedded PCI graphics controller with 8MB video memory standard. DVI interface optional. Graphics upgradeable through main board chipset integrated AGP graphics controller supporting up to 64MB shared video memory or using add-on cards based on latest GPU
Audio	Integrated audio on selected motherboard. Add-on sound card available. Built-in stereo speakers
Electrical and Power	Auto-sensing 110/240 VAC 50/60 Hz ATX power supply. 400W ATX standard power supply, optional power supply up to 550W. Optional redundant power supply
Dimensions Weight	19.78" (W) x 14.92"(H) x 8.97" (D) Approx.50 lbs assembled. Weight may vary depending on final configuration
Environmental	32~122 degrees F operating temperature.- 40 ~158 degrees F storage temperature. 10% ~ 90% non-condensing

1 12cm x 12cm Cooling vents.
2 2x External 3.5" Removable Hard Disk Drive Bays.
3 2x External 3.5" Drive Bays.
4 1x External 5.25" Drive Bay.

1. 7x Opened Slots (Depend on System Configuration).
2. ATX Form Factor Motherboard I/O Connector Panel (Depend on System Configuration).
3. 2x External 3.5" Removable Hard Disk Drive Bays.
4. 1x External 5.25" Drive Bay.