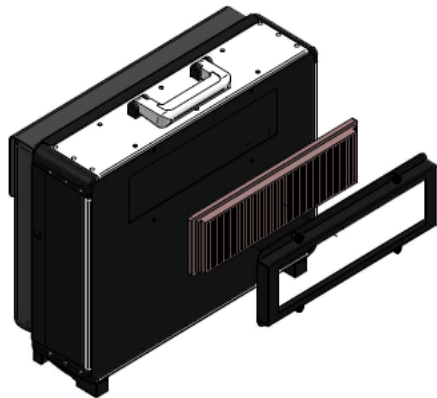


## MaxPac9210SRA Rugged Portable Computer Workstation A Light-Weight, Portable, Quad 64bit CPU Workstation



The MaxPac9210SRA series is the next generation in MaxVision's S Class Series of Rugged Portable Computer Workstations. MaxVision has extended its popular MaxPac M Class to include the latest Opteron 2000 Series dual core (and later quad core) processor technology and two CPU sockets allowing an amazing 4 Opteron CPU array. Because it uses the latest Opteron HE technology, the heat load of up to 8 Opteron CPU's cores is only slightly more than a single Pentium 4 or Pentium D CPU allowing MaxVision to create an amazingly tight package. Military users can quickly remove the 2 removable SATA hard drives which provide up to 2 TB of internal storage using your choice of two hard drives. Using Windows XP 64, Vista or Linux, users access up to 12GB of main memory.

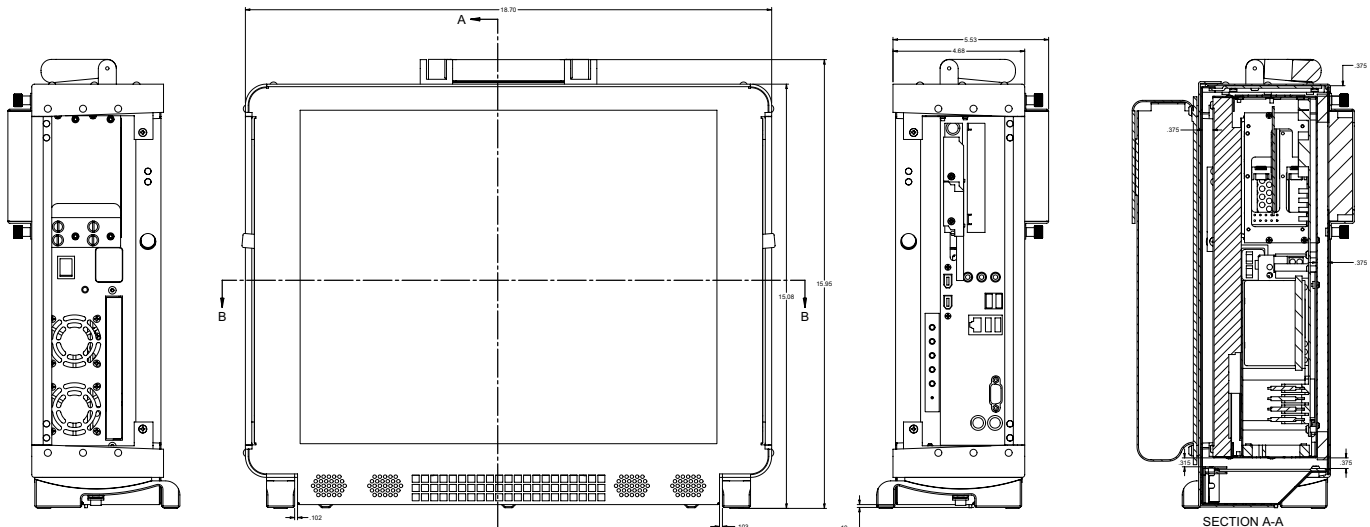
The MaxPac S Class display technology has NO compromises. The small package supports the latest and best 19" LCD technology on the market and unlike other portables which use notebook displays. The 19" Samsung 1280 x 1024 display supports an incredible near  $\pm 90^\circ$  viewing angles from top/bottom and left/right, allowing anyone that can see the display to get an undistorted view. As important, this LCD supports an amazing 1500:1 contrast ratio and an extremely fast 8ms switching time making all dynamic movement smear-free. MaxPac S Class supports the latest full range of video card technology, namely the NVIDIA Quadro Series.

MaxPac9210SRA has all the extras, such as dual 1Gbit Ethernet, USB2.0, Firewire (IEEE1394a), audio/speakers, COM and printer ports and the latest double layer DVD burner.

MaxPac S Class is COTS tough. Although technically a commercial off-the-shelf machine, the MaxPac-9210SRA products are designed to meet the Mil Std 810F for HOT operating conditions and is rated for 0-50°C continuous operating, and meets selected transit tests such as loose cargo and helicopter vibration. Inquire for more details. Military users who have been to the Middle East know of the small particle dust that gets into every part of their computer. This fouls up internal components and requires frequent cleaning. MaxVision calls this "Baghdad dirt". MaxVision has created the "Baghdad Filter™" technology which has nearly no back pressure but catches nearly all (greater than 99%) of the small particles. This filter can be washed and reused. With other filter technology, you would have to replace it every day or two. With other filter technology, your temperature begins to rise within a few days as the filter begins to load with dirt. With the "Baghdad Filter™" you wash it and recharge it every month or two. In less stressful environments, the filter requires cleaning every year or two. You can replace the filter without tools while the unit is running.

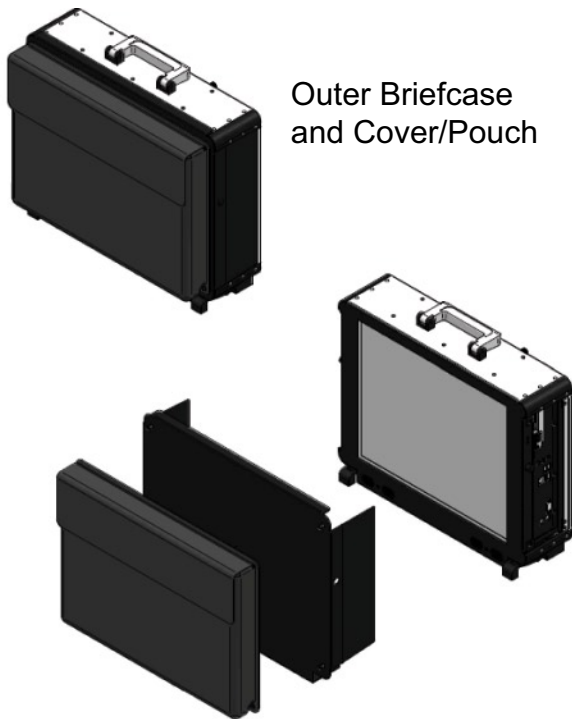
The MaxPac9210SRA family comes in two varieties supporting one, or two 19" LCD displays. These portable workstations weigh approximately 30, and 37 pounds respectively on the desk top (add 5 pounds for display cover and keyboard and cords carried in the saddle bag pouch). The single screen configuration (MaxPac-9210SRA1) provides complete protection for the display without the transit case. The two screen version (MaxPac9210SRA2) require the use of the Pelican 1620 transit case for maximum protection. Both configurations provide room for keyboard, mouse and cords.

Although the most sophisticated rugged portable available, the MaxPac9210SRA family is one of the most serviceable on the market and designed to be serviced by the user or 3rd party technicians. Comprehensive documentation, training and expert guidance from MaxVision make servicing this unit straight forward and comfortable, or if you prefer, MaxVision will provide expedited repair service anywhere DHL or Federal Express provides delivery service. MaxVision offers extended service plans up to three years and works cooperatively with the customer to return them to service in the fastest possible manner.

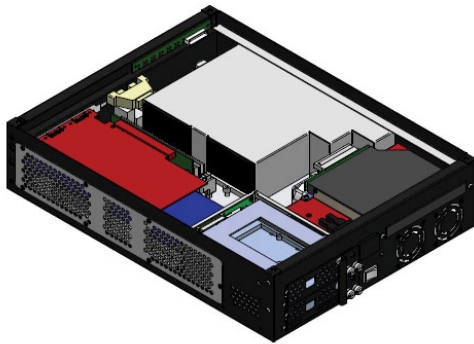


The MaxPac9210SRA Series provides the following features:

- Two Dual Core or Quad Core 2000 Series HE Opteron processors, providing the power of 4 or 8 full-featured Opteron 64 bit processors in a remarkably small power budget.
- Up to 12GB of DDR2 ECC main memory (Six 184-pin DDR DIMM sockets)
- Two removable 3.5" SATA hard drives providing up to 2 Terabyte of HD storage. (choice of 160GB, 320GB, 500GB, 750GB and 1TB @7200rpm hard drives)
- Support of ultra high-performance PCIe video cards, such as the nVidia Quadro FX1500 and FX3500.
- Second PCI slot is available if a single slot video card is used on the MaxPac9210SRA1
- Second PCIe x16 slot with 4x signals is available on the MaxPac9210SRA2
- Integrated 19" high brightness LCD with a extreme 90/90/90/90 degree viewing angle and an amazing 1500:1 contrast ratio and 8ms switching speed. (resolution 1280 x 1024).
- MaxVision's Box-in-Box shock isolation system features an inner chassis containing the entire computer which is buffered from the outer briefcase with 1cm of Poron® smart polyurethane.
- MaxVision's extreme "Baghdad" air filtration system, filters nearly all small particle dust without impeding air cooling fans. Special filter is removable without tools and can be washed in the sink.
- MaxVision's full range 500 watt power supply supports 90 - 264VAC 50/60Hz and 115VAC@ 400Hz avionics power common to aircraft power systems. Typical power consumption is about 250 watts.
- Screen cover protects the display for single screen configuration. Pouch stores keyboard, mouse and cords and allows roll on to aircraft and fits in most overhead compartments.
- Double layer DVD burner (8.5GB)
- Rich standard I/O features such as, dual 1GB Ethernet, Firewire, USB, printer, integrated audio.
- Small size, chassis size 18.7"W x 15"H x 4.5"D (18.7" x 15.95" x 5.45" including handle and filter) for single screen version. Second and third displays add 1" each to packed thickness. Weight of 28 to 40 pounds depending on the number of displays. Adjustable viewing angle 0-15°
- Environmental 0 - 50°C operating, -40°C to 70°C non-operating, 10-90% relative humidity non-condensing. Operation up to 10,000 feet.
- Roller transit case provides water-tight drop protection when shipped or carried as checked baggage.



Outer Briefcase  
and Cover/Pouch



Inner Chassis Layout



MaxPac9210SRA2  
2 Screen  
Configuration



Transit Case