

MaxPac® **A** Class Workstations



The MaxPac® **A** Class is an entry-level rugged workstation for users requiring performance, expansion and capabilities that stretch beyond the limitations of rugged notebook or laptop computers. For instance, all MaxPac® **A** Class models have a patented universal power supply that can operate on almost any AC power source and a patented 'desert proven' air filtration system and sufficient airflow for operation in 0-50° C. Additionally, users can choose between a high resolution LCD with or without a Resistive Touch Screen capability. All MaxPac® **A** Class configurations provide at least one PCIe-X16 slot and an open PCI expansion slot, multi-core CPU processors, an upgradable high-end 3D graphics adapter and the large memory and storage capacities that are typically required for intensive simulation and analysis, manipulation of satellite data sets and near-real-time mission assessment; tasks that are often performed by MaxVision clients.

The MaxPac® **A** Class is an all aluminum briefcase chassis that uses a patented Box-in-Box™ shock isolation system. All computer components are packed in an inner chassis which rides in a Poron® cradle isolating it completely from the outer aluminum briefcase. A rubberized waterproof keyboard with glide pad is built into a removable side panel for quick storage and transportation. Additionally, when the keyboard assembly is locked in place as a side panel, it turns off the LCD while leaving power on to other components, creating a quick conversion in-the-field workgroup server. An optional Pelican transit roller case provides for easy transportation and worry-free shipping as checked baggage or freight.

The MaxPac® **A** Class provides a wide range of options, including either an Intel Core2Duo or Core2Quad processor, up to 8 GB of Ram, 1.5TB removable Hard Drive, Nvidia Quadro graphics card (installed in the PCIe-X16 slot), USB, Firewire, Gigabit Ethernet and an integrated ruggedized, waterproof keyboard and glide pad.

MaxPac® **A** Class common features:

- Intel Core2Duo or Core2Quad processor
- 4GB of RAM, expandable to 8GB
- Tool-less removable 3.5" SATA disk drive
- Tool-less removable and interchangeable DVD or BluRay burner
- Patented 'Desert Proven' Air Filtration system; eliminates nearly all small particle dust and filters all components, even the optical drive.
- Optional Resistive Touch Screen (1280x1024)
- One PCIe-X16 slot (with nVidia Quadro FX3700 installed in most models)
- One open PCI 32 bit slot
- Waterproof USB keyboard and glide pad
- 274 Watt Power Supply; supports 90 – 264VAC 50 – 60 Hz



MaxPac[®] A Class Options



MaxPac[®] A Class can be configured with a removable 3.5" SATA hard disk for up to 1.5TB of storage.



Box-in-Box™ shock isolation aluminum briefcase chassis along with keyboard glide pad delivers the complete ruggedized package for deployment.



Our 'Desert Proven' Air filtration system filters all intake air and keeps the machine free from dirt and dust particles.

	MaxPac [®] 8000A	
Processor	Intel Core [®] 2 Duo	Intel Core [®] 2 Quad
Motherboard	Intel DQ35J0 uATX LGA775/DQ35i/FSB1333	
Memory	Up to 8GB DDR2	
LCD Size	17" 1280 x 1024 (Optional Resistive Touch)	
LCD Specifications	180°H/180°V viewing angle, 250 nits, 1500:1 contrast ratio 16.7M colors, 8ms response time	
Video Interface	VGA	DVI-D
Video Controller Options	Integrated Q35 video controller	nVidia [®] Quadro FX1700 and FX3700, others by request
Std I/O Interfaces	Integrated GbE, Firewire 400, Audio/Speaker	
PCI Expansion Slots	One PCI and one PCIe16	
PCI Slot Lengths	11"	
Removable Hard Drives	1 3.5" SATA up to 1.5TB	
Optical Drive Options	DVD/CD Writer	BluRay Burner
Video Projector Ports	Integrated On-Board VGA or Second port of video controller	
Power Supply	274 Watt 90 – 264VAC 50 – 60 Hz	
Software OS	Windows XP Pro, XP 64, Server 2003	
Size Closed	16"W x 16.3"H x 5.4"D	
Size Open	16"W x 16.3"H x 8"D	
Environmental	0° - 50°C 10-90% Rel. humidity	
Transit Case (Optional)	Pelican [®] 1610 with custom polyethylene foam	
Weight	26 pounds	
Total Weight of Computer with Transit Case	40- 45 pounds	