MaxPac® 8250 XL
Our Flagship Rugged Portable Workstation

The ultimate for imagery, exploitation, and analysis workstation

The MaxPac® XL series is the most advanced, most powerful, and most feature-rich Rugged Portable Workstation available on the market today; Making it the ultimate computer platform for imagery exploitation and analysis. Designed from the ground up to be placed in forward positions without benefit of conditioned power and conditioned air. Triple 23" FHD display support both 2D and passive 3D viewing.

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Processor/Mother-board	Dual Intel Xeon E5-2660 processor clocked up to 3.2GHz. SuperMicro X9-DAi Motherboard.
Memory	Up to 128GB DDR3 1600 MHz ECC unbuffered or 512GB Registered Memory.
LCD Display Size	Single, dual or triple 23" 1920 x 1080 LCD (LED backlit).
LCD Monitor Specifications	Brightness: 250mcd/m^2, Viewing Angle: 170H/160V; Contrast Ratio: 5,000,000:1 (1000:1) Response Time: 5ms; 16.7 million colors.
Video Controller Options	nVidia GeForce GTX 650ti, 660ti, 670 and nVidia Quadro K2000, K2000D, K3000, K4000 and K5000
Std I/O Interface	Dual Gigabit Ethernet Ports, four USB 3.0 (2 external and 2 via header), seven USB 2.0 (4 external and 3 via header), PS2 keyboard/Mouse ports
Expansion Slots	Three PCI-E 3.0 x16 slots, two PCI-E 3.0 x8 slots, one PCI-E 3.0 x4 (in x8) slot.
Removable Hard Drive Magazines	HDPac4® magazine allows removal of all drives without tools in less than 10 seconds Individual drives are also replaceable without removing the entire HDPac4®. Choice of 1, 2, 3 or 4TB drivers may be selected for a maximum of 16TB of removeable storage
Hard Drive Capacity	Two 2.5" SATA or SSD System Drives and four 3.5" 3TB drives, total Capacity 12TB or four 600GB SSD, total Capacity 2.4TB.
Hard Drive Interface	Either Software RAID 0, 1, 5, 10 or Hardware RAID 0, 1, 5, 6, 10.
Optical Drive Options	SATA Slim Line Slot Loading DVD/CD Writer or SATA Slim Line Slot Load Blu-ray Writer.
Video Projection Ports	Options feature of each monitor, so all three displays can be remoted.
Power Supply	850 Watts 90-264VAC 50/60Hz @400Hz.
UPS	600Watt Internal UPS 5 minute Backup (Check for availability outside United States).
Keyboard/Mouse	Microsoft 600 keyboard (USB) Logitech m110 mouse (USB or PS2).
Software OS	Windows 7 Pro or Ultimate Windows 2008 Server, Red Hat Linux & SUSE.
Size Setup (displays unfolded)	Single Display 22"W x 16"H x 8"D, Dual Display 43"W x 16"H x 9"D, Triple Display 64"W x 16"H x 10"D.
Environmental	Environmental: 0°C to 50°C/10% to 90% relative humidity (non-condensing) operating in dirty air conditions, FCC Class A. When stored in the provided transit case, the product can withstand MIL STD 810G -40°C to 70°C storage temperature, blowing rain, salt fog, sand, dust, vibration for two wheel trailer and drops from 30".
Regulation	FCC Class A , CE.
Transit Case	Custom watertight Roller Case (also stores keyboard, mouse and cables).
Computer Weight	Triple Display Approximately 65Lbs. *Note add 5Lbs. to all weight options for Internal UPS* Total Weight: Computer, Accessories w/Transit Case - Single Display Approximately 69Lbs. Dual Display Approximately 85Lbs. Triple Display Approximately 95Lbs. *Note add 5Lbs. to all weight options for Internal UPS*

Dual Xeon E5-2600 6 Core ("Sandybridge") processors , providing the highest memory bandwidth available on any dual processor system (Displays shown closed.)
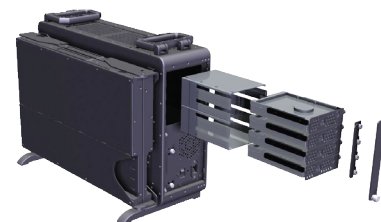

Shown with 2 closed displays

Operates between 0 to 50°C and 10 to 90% relative humidity (non-condensing) in dirty air environments.

Removable mass storage supports four removable 3.5" data disks (typically 12 TB Total Storage) and two additional 2.5" drives for system use.