

# MaxRax<sup>®</sup> 8250 3U13

Rugged 3U/13" Deep Rack Mount Dual Xenon Server



**MaxVision's state-of-the-art dual processor Xeon server packaged in a 3U rack mount package is only 13" deep. Ideal for ship, aircraft and wheeled vehicle applications.**

Designed to deliver outstanding performance in harsh environments, including command vehicle and shipboard conditions.

The MaxRax8250 3U13 features dual Xeon E5-2660 processors, dual mirrored 2.5" system drives in a single removable hard disk magazine, along with a separate 8-drive removable magazine holding eight 2.5" data drives (ten total 2.5" HD, hybrid or SSD SATA drives). Four PCIe option slots provide for expansion.

Optional MaxUPS integrated UPS provides backup power while operating on all global power sources (90 to 264VAC, 47 to 400Hz). MaxUPS also supports operating from 28VDC vehicle power while using the internal UPS battery as a 28VDC backup.

## MacRax<sup>®</sup> 8250 3U13

<b>Form-factor</b>	Rugged 3U rackmount server 13" deep.
<b>Operating System (OS)</b>	Windows 7/ Server 2008 (others upon request).
<b>Motherboard/Processor</b>	Supermicro X9DRL-iF Intel C602 Chipset/ Dual Intel E5 2600 Series LGA 2011 CPU.
<b>CPU</b>	Dual Xeon E5-2660.
<b>Standard/Max RAM</b>	16 to 256GB of DDR3 1333MHz (four DDR3 DIMMS per processor socket).
<b>Optical Drive</b>	Slimline DVD/CD or Blue-Ray reader/writer.
<b>System Disk/Drives</b>	Dual 2.5" SATA HD (optional SSD) in a single removable magazine (supports two 2.5" SSD 800GB max or two 2.5" Hybrid HDD 1TB max or a single 2.5" SAS drive 900GB max)
<b>Data Disk/Drives</b>	Eight 2.5" SATA HD, Hybrid, or SSD SATA drives in a single removable magazine. (supports eight 2.5" SSD or eight 2.5" Hybrid HDD or a four 2.5" SAD drive)
<b>Input/Output</b>	2x Gbit LAN, PS2, 4x USB 2.0 (2 front, 2 rear).
<b>Expansion Slots</b>	3 PCI-E 3.0 x8. 1 PCI-E 2.0 x4 (in x8).
<b>Graphics</b>	Onboard Matrox G200eW (optional nVidia Quadro or GeForce series graphics card; occupies first PCIe slot if used).
<b>Managment</b>	IPMI (Intelligent Platform Management v2) with KVM support and dedicated LAN.
<b>Power Supply</b>	650 watt; Input = 90 to 264 VAC 50/60 Hz, or 115 VAC @ 400 Hz.
<b>MaxUPS Uninterruptable Power Supply (optional)</b>	Supports backup from all known global power sources yielding 75 WHr of energy. Provides support for 28 VDC with UPS backup. LiFePO4 battery technology is United Nations certified for safe airline transport.
<b>Size (WxHxD)</b>	17.28" x 5.24" x 12.95" (17.28" x 5.24" x 14.66")* *includes drive door and removable filter.
<b>Weight</b>	28 lbs (58 lbs in optional transit case with accessories)
<b>Accessories</b>	Microsoft 600 USB/PS2 keyboard, Microsoft laser mouse, Pelican 1610 transport case optional.
<b>Transport Rack Option</b>	Roller rack case supporting up to 6U.
<b>Operating/Non-Operating Temperature</b>	Operating 0 to +50°C (60°C max with SSD) / Non Operating -40 to +70°C. (Heater/fan control option for operation between -32 and +50°C.).
<b>Altitude</b>	Operation up to 10,000 ft (25,000 ft with SSD).
<b>Enclosure/Sealing</b>	Dust Filtration.

Designed to fit into racks on 16" deep with room for rear cables.



Full-featured input/output (I/O) allows for maximum connectivity.



Desert-proven filtration system and removable drive magazines.



Optional SKB 6U 20" roller rack.



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