

MaxRax[®] 8260 3U20

Rugged 3U/20" deep rack mount dual Xeon server



MaxVision's state-of-the-art server with dual Xeon processors and over 48TB of removable storage in a 3U rack-mount package that is only 20" deep

The MaxRax 3U20 is designed to deliver outstanding performance in harsh environments, including command vehicle and shipboard conditions. This makes it ideal for ship, aircraft, and wheeled vehicle applications.

Featuring dual Xeon E5-2660v3 processors, the MaxRax 3U20 boasts dual mirrored 2.5" system drives in a single removable hard disk magazine, along with a separate removable magazine that holds 3.5" data drives. The data drive magazine can contain eight 3.5" 6TB enterprise SATA or SAS drives with optional FIPS-140-2 support, providing up to 48TB of removable data storage in a single magazine.

MaxUPS (an optional integrated UPS) provides backup power while operating on all global power sources (90 to 264VAC and 50/60Hz or 400Hz). MaxUPS also supports operating from 28VDC vehicle power while using the internal UPS battery as a 28VDC backup.

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Form-factor	Rugged 3U rack-mount server that is 20" deep.
Operating System (OS)	Windows 7 or Microsoft Server 2012 (others on request).
Processor/Motherboard	Dual Intel E5-2600v3 family. Supermicro X10DRL-i Intel C612 motherboard.
CPU	Dual Xeon E5-2660v3
Standard/Max RAM	32 to 256GB of DDR4 2133MHz (four DDR4 DIMMS per processor socket)
Optical Drive	Slim-line DVD/CD reader/writer or Blu-ray reader/writer
System Disk/Drives	Dual 2.5" SATA HDD or SSD 9.5mm drives (1TB max) in a single removable magazine, or a single 2.5" SAS 15mm drive.
Data Disk/Drives	Eight 3.5" SATA or SAS enterprise drives in a single removable magazine (up to 6TB each for a total of 48TB).
Input/Output	Two Gbit LAN; four USB 2.0; one COM port.
PCI-E Expansion Slots	One PCI-E 3.0x16; Three PCI-E 3.0 x8; one PCI-E 3.0 x4 (in x8 connector); one PCI-E x2.0x4 (in x8 connector)
Graphics	Onboard ASPEED AST2400 BMC with single VGA D-sub connector port
Management	IPMI (Intelligent Platform Management v2) with KVM support and dedicated LAN.
Power Supply	600Watt; 90 to 264VAC @ 50/60Hz or 115VAC @ 400Hz.
MaxUPS Uninterruptable Power Supply (optional)	Supports backup from all known global power sources yielding 75W/hr of energy. Provides support for 28VDC with UPS backup. LiFePO4 battery technology is United Nations certified for safe airline transportation.
Size (WxHxD)	17.2" x 5.24" x 20" (17.2" x 5.24" x 20.88" including drive door and removable filter).
Weight	30 lbs (60 lbs in optional transit case with accessories).
Accessories	Optional 104 key USB keyboard; Optical wheel mouse.
Transport Rack Option	Roller rack case supporting up to 6U.
Operating/Non-Operating Temperature	Operating: 0 to 50°C (60°C max with SSD; heater/fan control option for operation between -32 to 60°C); Non-operating -40 to 70°C.
Altitude	Operation up to 10,000ft (25,000ft with SSD).
Enclosure/Sealing	Dust Filtration.
EMI/EMC	FCC Class A; RoHS-compliant

Designed to fit into racks that are 23" deep with room for rear cables.



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



Desert-proven air filtration system and removable drive magazines.



Optional SKB 6U 20" roller rack.

