

Quick View



Model: R5220

EAN: 797734143232

Delivering resilience and increased performance with expandability and efficiency



Features	Benefits
Intelligent Management	provides remote management capabilities
Hardware SAS2 RAID	ensures high performance data continuity
Redundant PSU	advanced fault tolerance
Up to 12 processing cores	increases performance and supports mass virtualization
2U form factor	high density to maximise rack space
VMWare & Hyper-V compatible	delivers virtualization benefits
Enhanced Energy Efficiency	reduces TCO (energy costs) and supports increased density

Intelligent Management

The built in intelligent management delivers an easy to use remote management and web based environment that is independent of the operating system. Providing secure and consistent access over a dedicated network port, this enterprise grade management features KVM access, power on/off control, hardware diagnostics and system health monitoring, SNMP and virtual media/ ISO image mounting capabilities over a secure browser interface (SSL).

The smart drives feature IntelliSeek™ and IntelliPark™ for optimised seek speeds and read/write load balancing to deliver lower noise, vibration and power consumption. Active workload monitoring is built into the drives allowing idle to be invoked and recovered automatically through seamless host controller/drive power management.

Smart Design

The Odeum R5220 is a feature rich, energy efficient 2U server delivering virtualization ready performance and enhanced management capabilities that support both 32-bit and 64-bit applications. The built in redundancy, 16 DIMM slots and support for up to two Intel Xeon™ 56XX series processors combine to provide a powerful and scalable solution ideal for workload consolidation, high-performance computing (HPC), and medium database deployments.

Enhanced Efficiency

Engineered using VeryPC's EPM™ technologies to deliver energy efficient enterprise class performance, the Odeum R5220 utilises VeryPC's ampage reduction technologies and power factor correction to minimise energy costs and increase rack density.

The Odeum R5220 Features:

- 80+ Gold rated power supplies to exceed the standards set for Energy Star server compliance and produce 25% less waste than industry standard energy efficient power supplies†.
- Embedded thermostatic cooling to deliver dynamic energy utilisation.
- Bespoke thermal conductivity technologies to significantly increase performance deltas by providing up to 400% greater conductivity for heat sinks over industry leading silver based solutions.



† 80+ certification standard. Comparison between 80+ Platinum and 80+ Gold based on 50% loading of power supplies

Service Level Agreements

VeryPC's comprehensive portfolio of insurance backed service level agreement options are designed to help design, deploy, manage and support your technology environment and provide cost effective upgrades to standard VeryPC limited warranties.

Energy Efficiency Financing

VeryPC is a recognised supplier on the Energy Efficiency Financing Scheme (Carbon Trust Loan Scheme replacement) from the Carbon Trust and Siemens Financial Services. The scheme is available to all kinds of businesses (SME & Large Enterprise) and organisations including educational institutions, charities and public sector bodies. Energy Efficiency Financing from Siemens Financial Services can be arranged for amounts as little as £1,000 upwards and, assuming the proposed Energy Efficiency Financing project passes the energy saving assessment by Carbon Trust Implementation Services. The energy savings are calculated on the savings projected from the project



Reduce your carbon footprint



Energy efficient



Recyclable materials



3 year warranty as standard



models with 80+ Platinum efficient PSUs



Rack mountable models available



Intelligent management



High performance

No. of Processors	1 (2)
No. of processing cores	4 (12)
Standard Processor	4 Core Intel Xeon E5620 2.4GHz 12MB Cache
Processors supported	Intel Xeon 56XX series
Memory slots	12 (4 Kits)
Max. Memory supported	192GB DDR3 ECC
Drives supported	3.5" SATA/SAS2
Max. internal storage	24TB (12 x 2TB SATA/SAS2 7.2k)
No. of hotswap drive bays	12
RAID supported	LSI SAS2 RAID Controller with 512MB Cache + BBU Unit RAID 0,1,5,6,10,60
Optical	None
Connectivity	2 x Intel 82574L RJ45 Gigabit Ethernet controllers 1 x Dedicated RJ45 KVM IPMI 2.0 controller 4 x Rear USB Ports 1 x Fast UART 16550 Serial Port 1 x VGA 2 x PS2 KB/MS Port
PSU	1200W 80 Plus Gold Redundant Hotswap
Form factor	2U Rackmount
Dimensions W x H X D (mm)	437 x 89 x 648
Warranty	3yr NBD Onsite
Expansion	3 x Expansion Cards (Using 2 or more expansion at full speed requires 2nd CPU)

